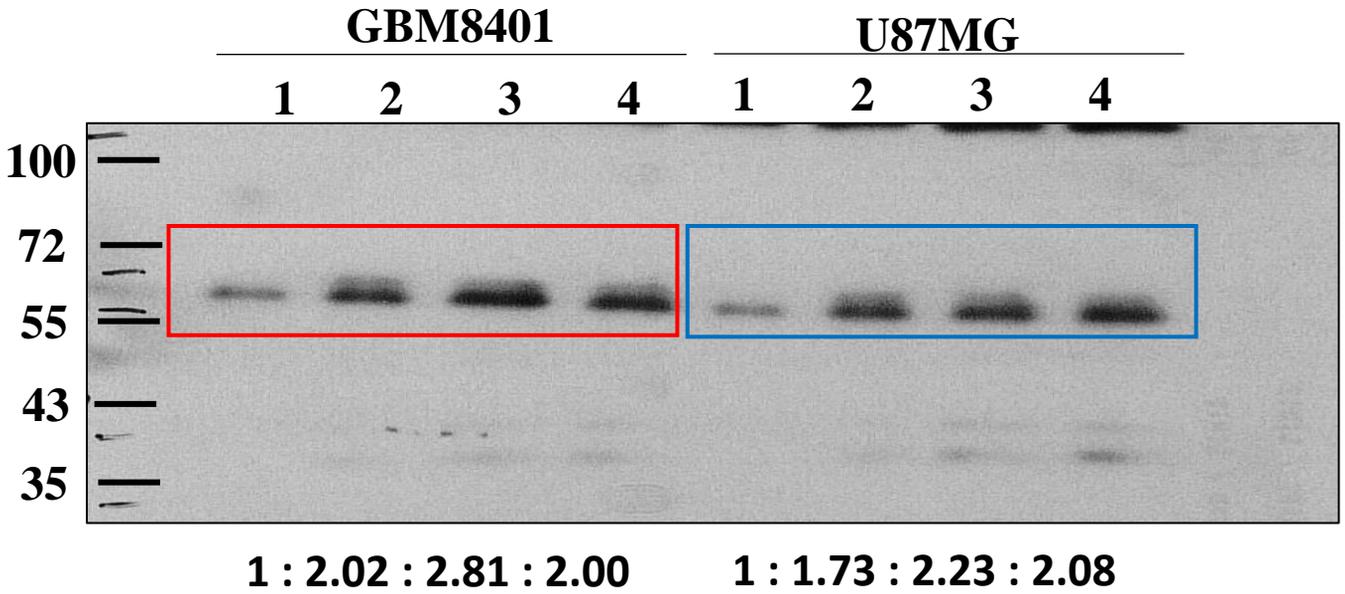
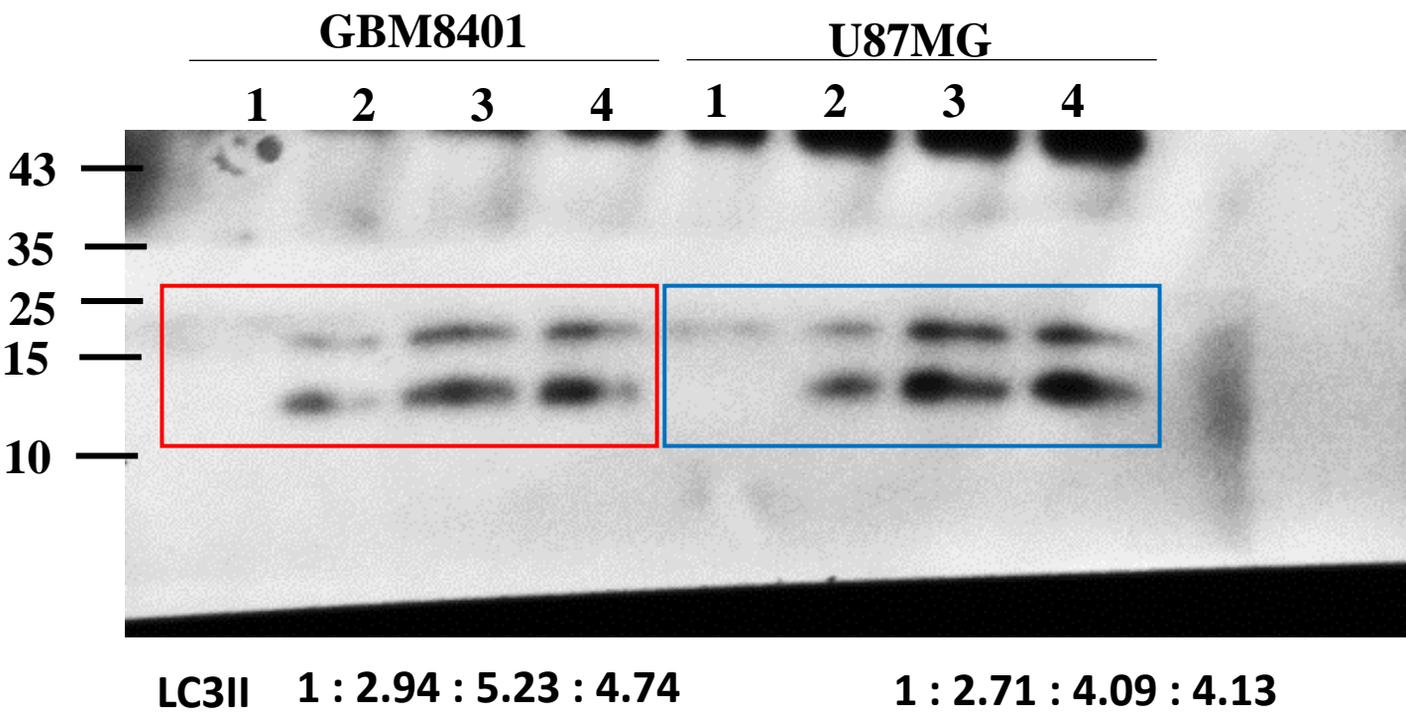


Related to Fig.3D-1

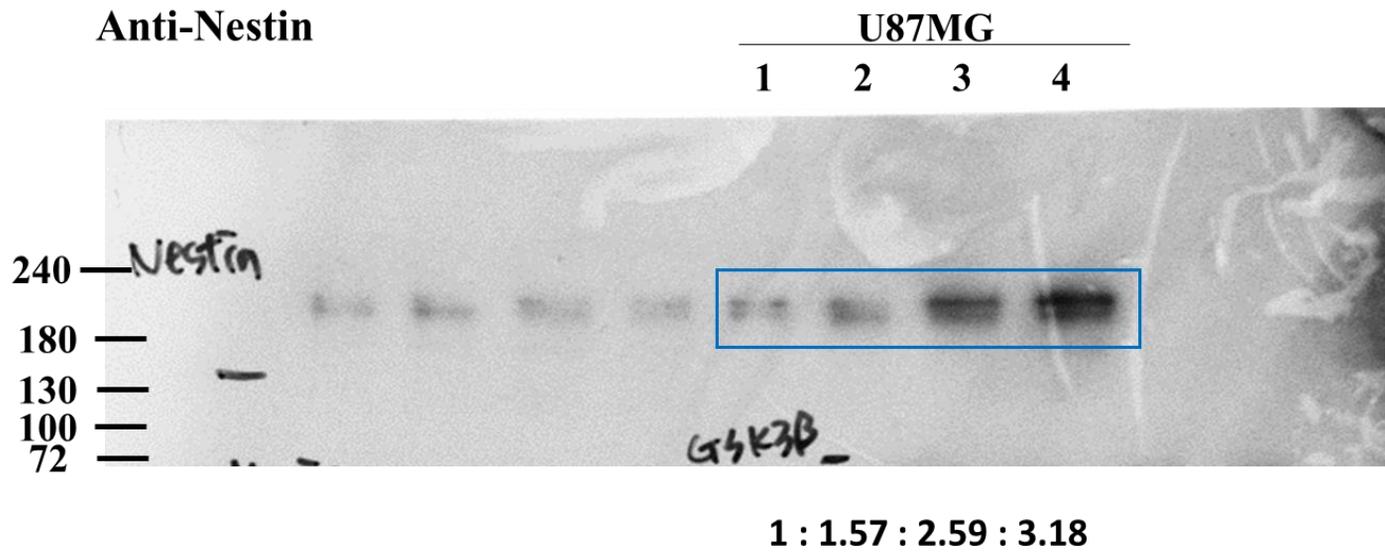
Anti-P62



Anti-LC3 I/II



Anti-Nestin

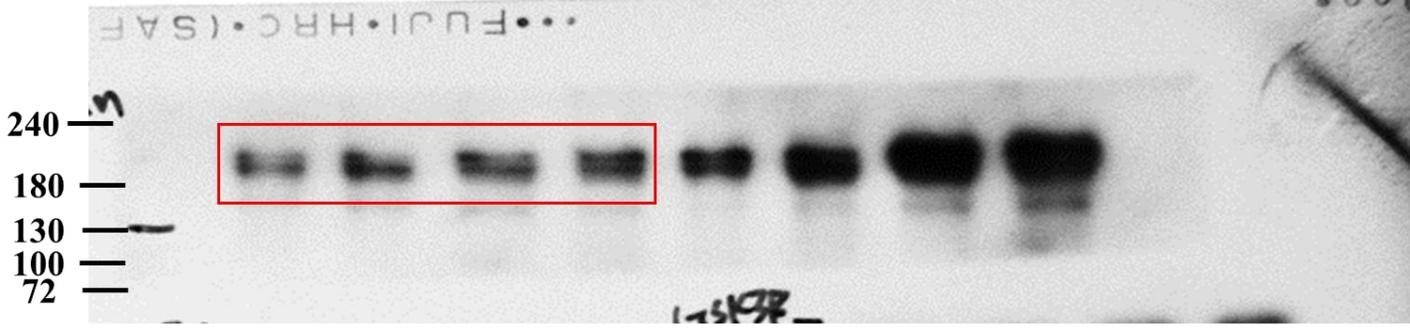


# Related to Fig.3D-2

Anti-Nestin

GBM8401

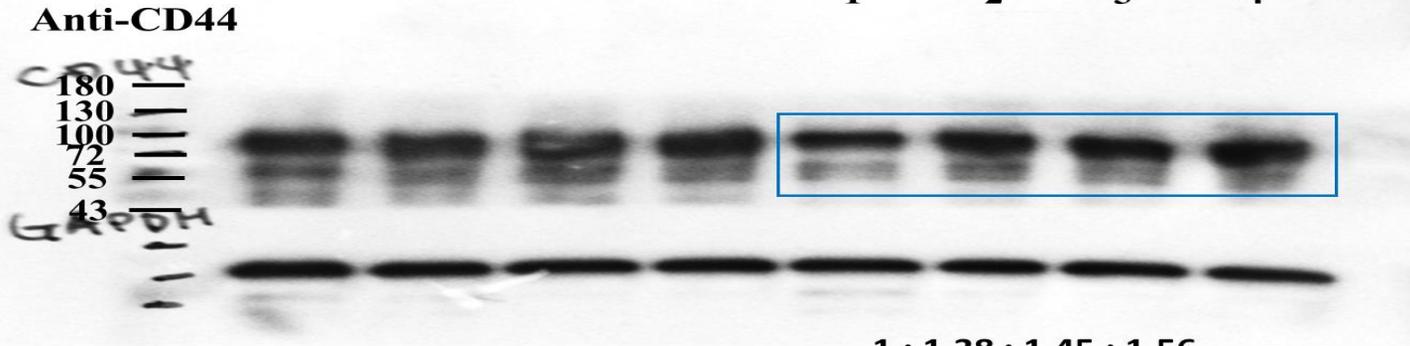
1 2 3 4



1 : 1.31 : 1.62 : 1.39

U87MG

1 2 3 4



1 : 1.38 : 1.45 : 1.56

Anti-CD44

GBM8401

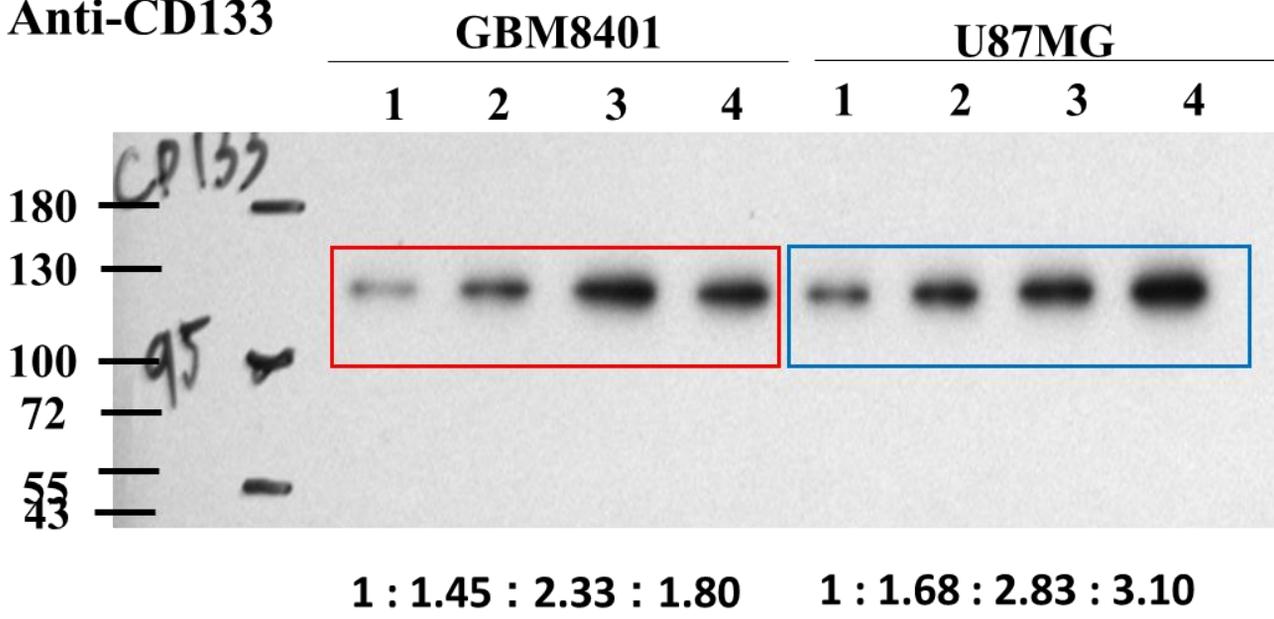
1 2 3 4



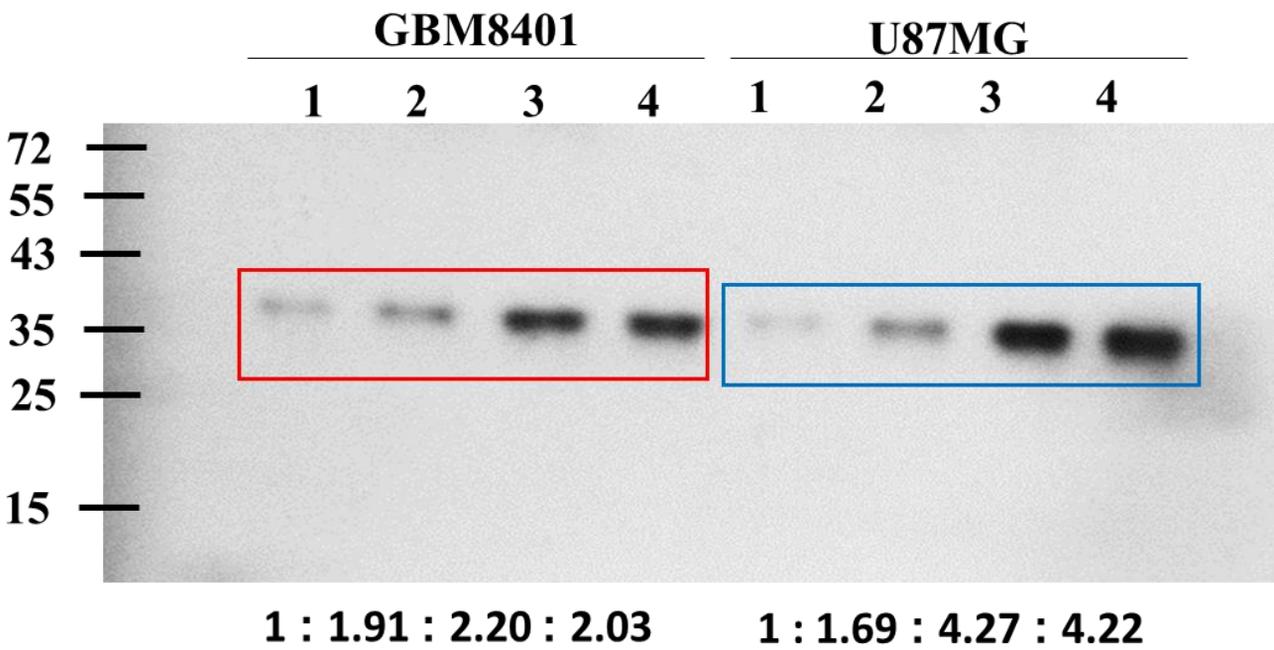
1 : 1.22 : 1.57 : 1.66

Related to Fig.3D-3

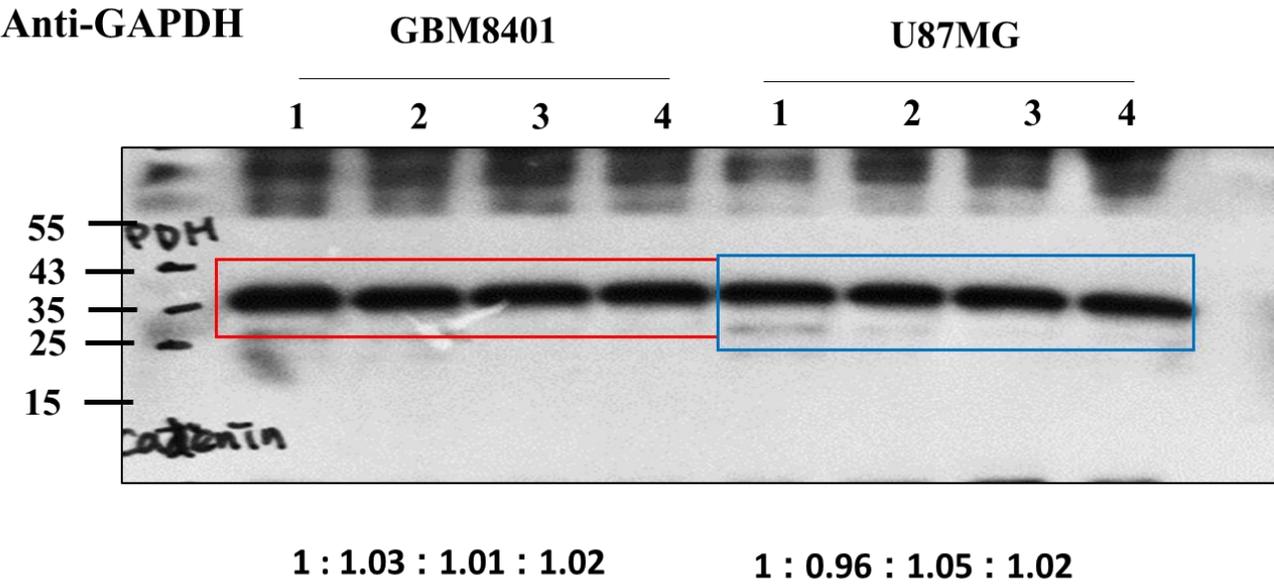
Anti-CD133



Anti-SOX2



Anti-GAPDH

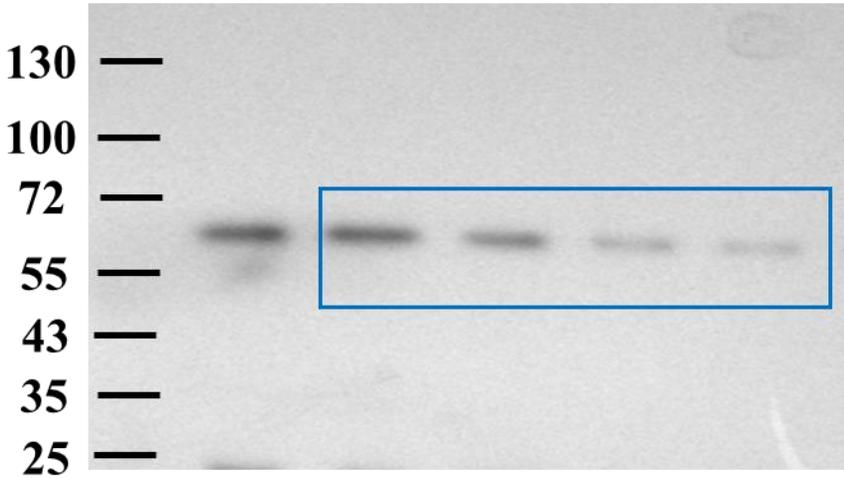


Related to Fig.4A-1

Anti-Frizzled

U87MG

1 2 3 4

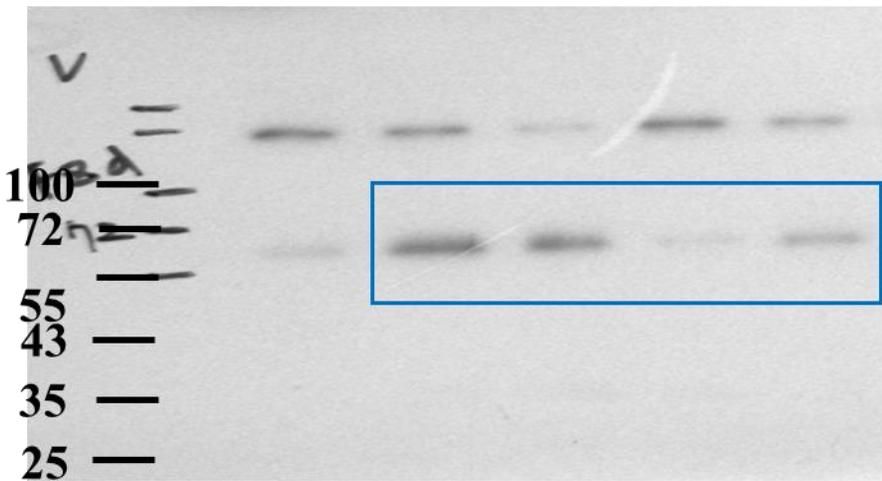


1 : 0.69 : 0.57 : 0.57

Anti-Frizzled

GBM8401

1 2 3 4

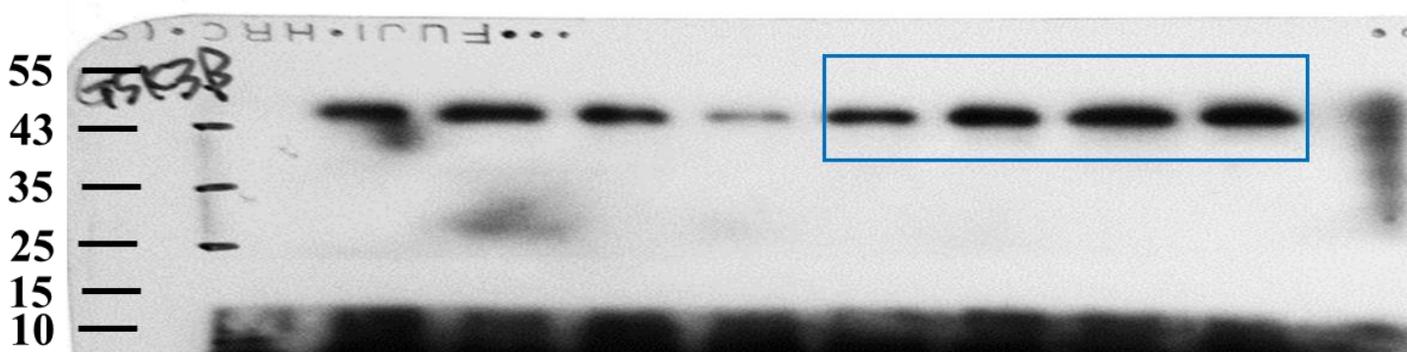


1 : 0.69 : 0.57 : 0.57

Anti-GSK3 $\beta$

U87MG

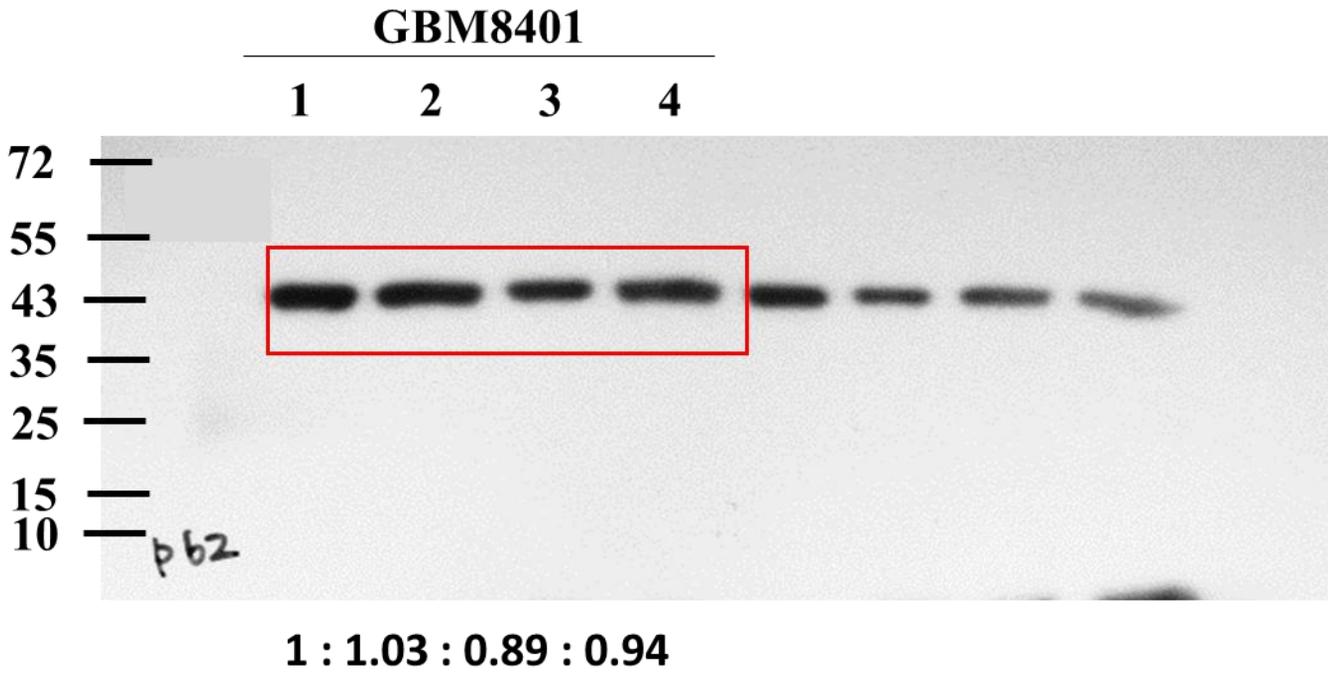
1 2 3 4



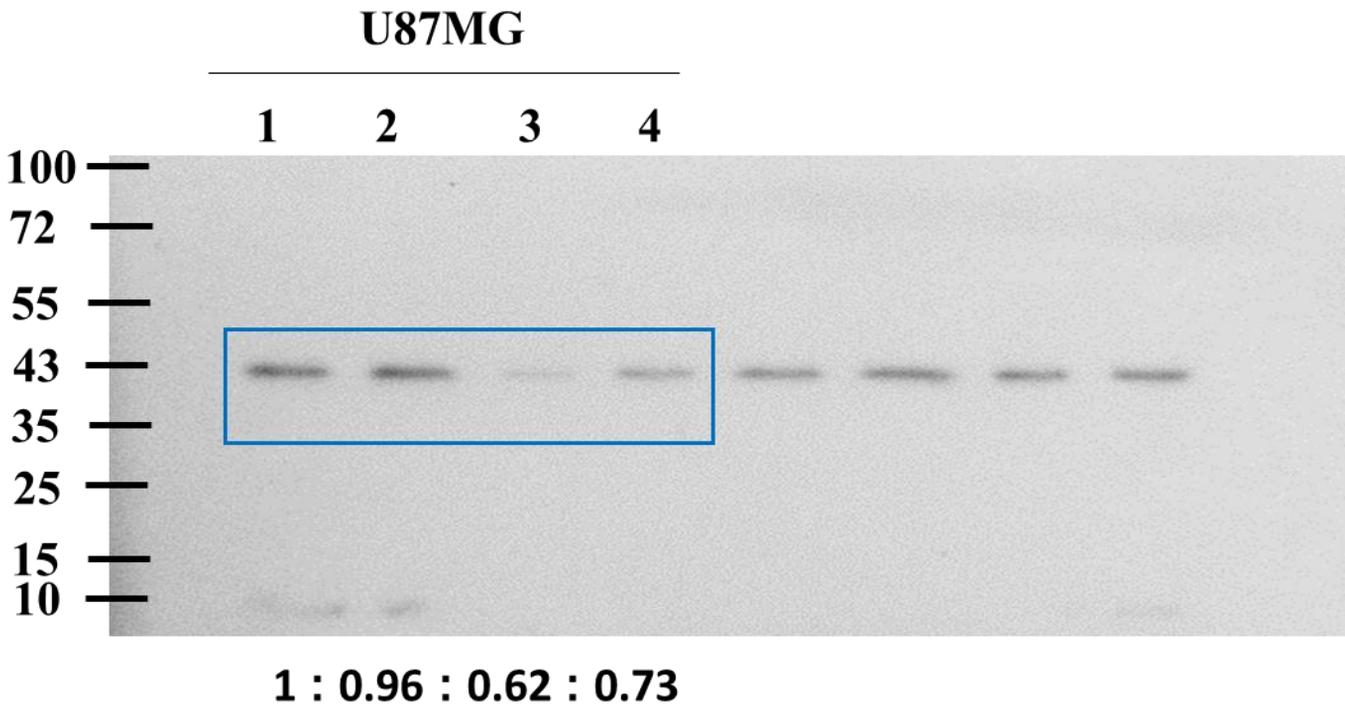
1 : 1.26 : 1.49 : 1.45

Related to Fig.4A-2

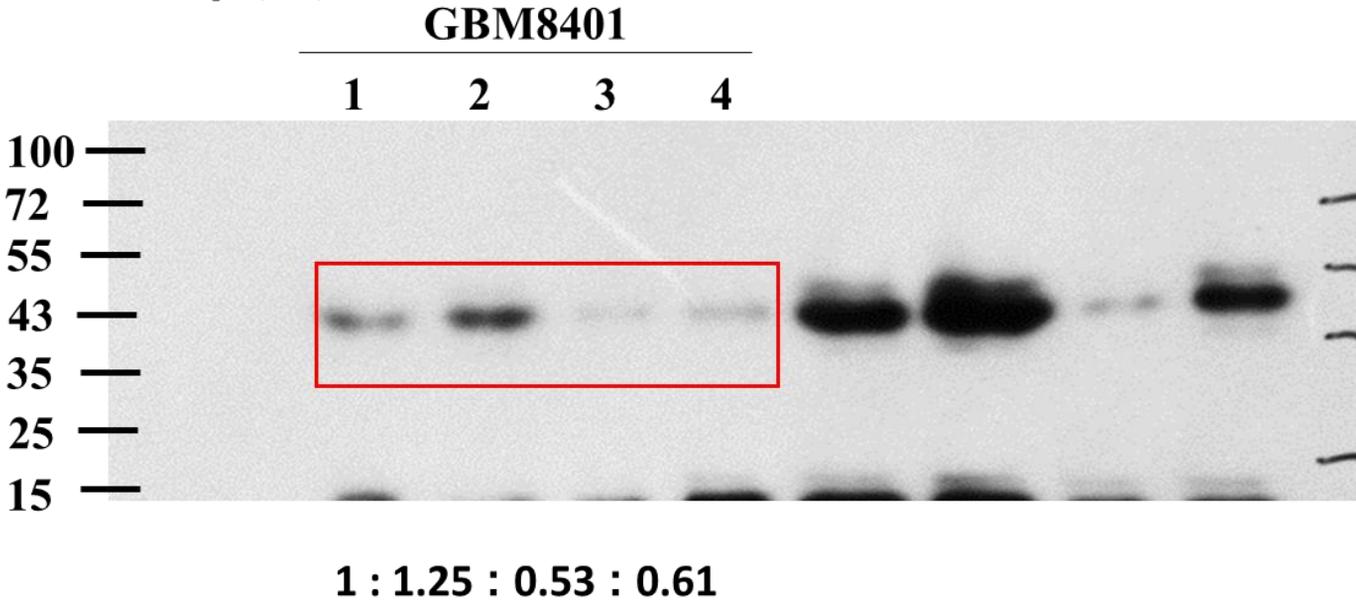
### Anti-GSK3 $\beta$



### Anti-GSK3 $\beta$ (S9)



### Anti-GSK3 $\beta$ (S9)



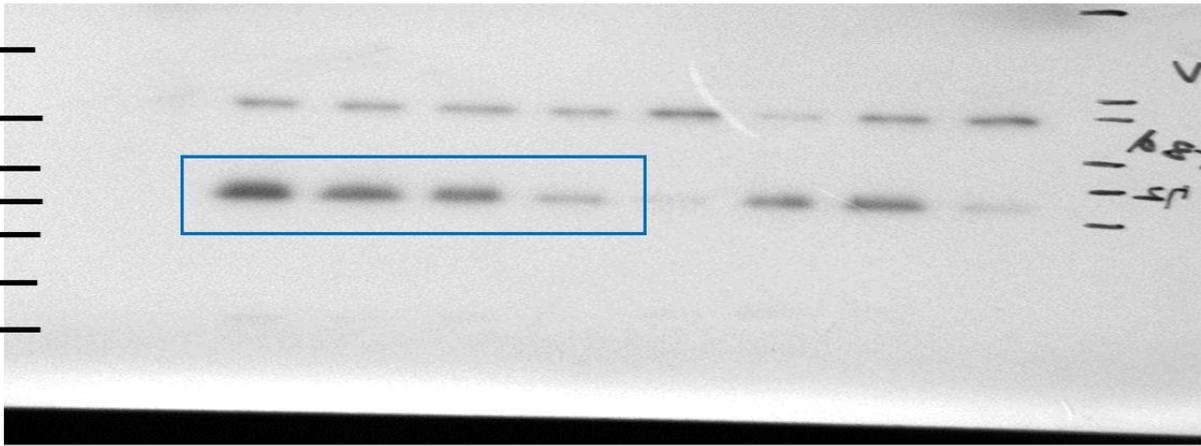
# Related to Fig.4A-3

## Anti-β-catenin

U87MG

1 2 3 4

180 —  
130 —  
100 —  
72 —  
55 —  
43 —  
35 —



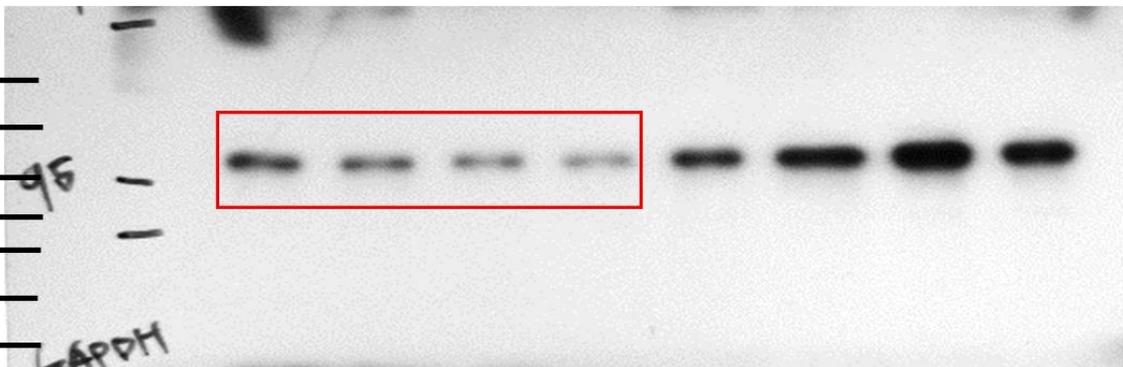
1 : 0.71 : 0.47 : 0.29

## Anti-β-catenin

GBM8401

1 2 3 4

180 —  
130 —  
100 —  
72 —  
55 —  
43 —  
35 —



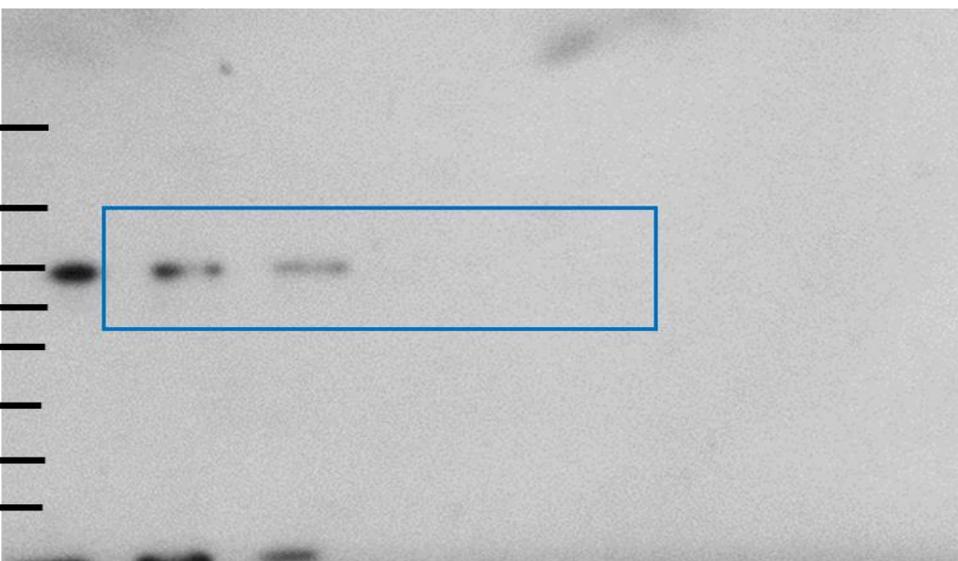
1 : 0.85 : 0.33 : 0.38

## Anti-β-catenin (S33/37/41)

U87MG

1 2 3 4

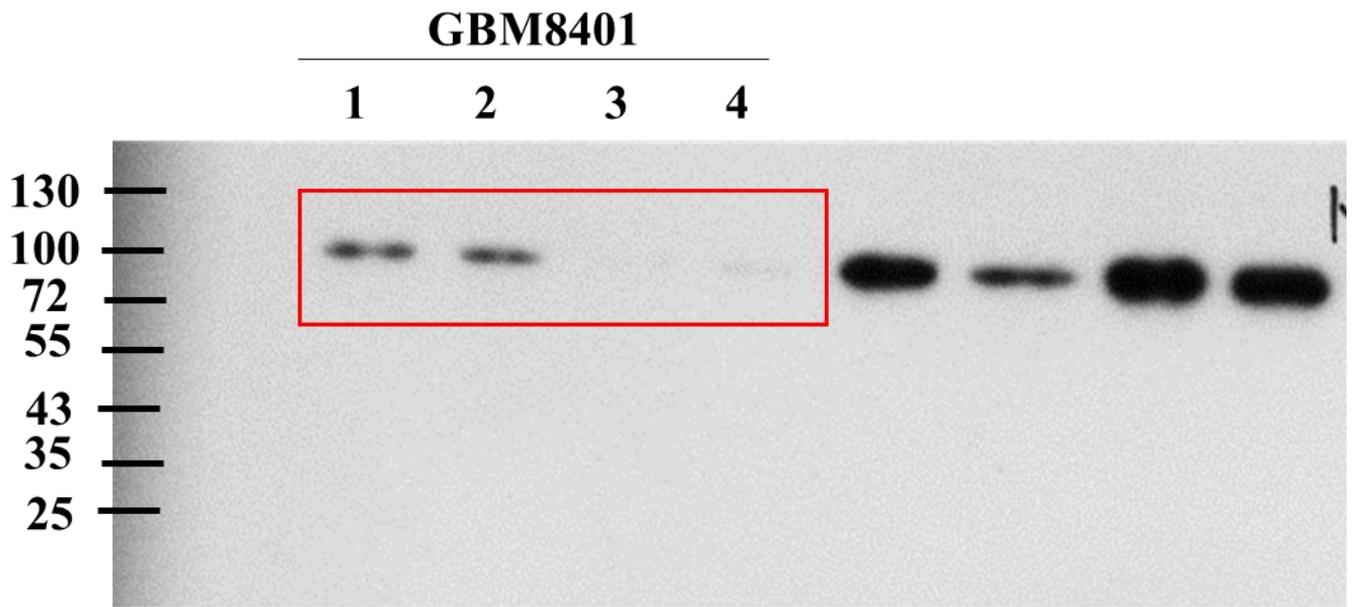
180 —  
130 —  
100 —  
72 —  
55 —  
43 —  
35 —  
25 —



1 : 0.70 : 0.11 : 0.14

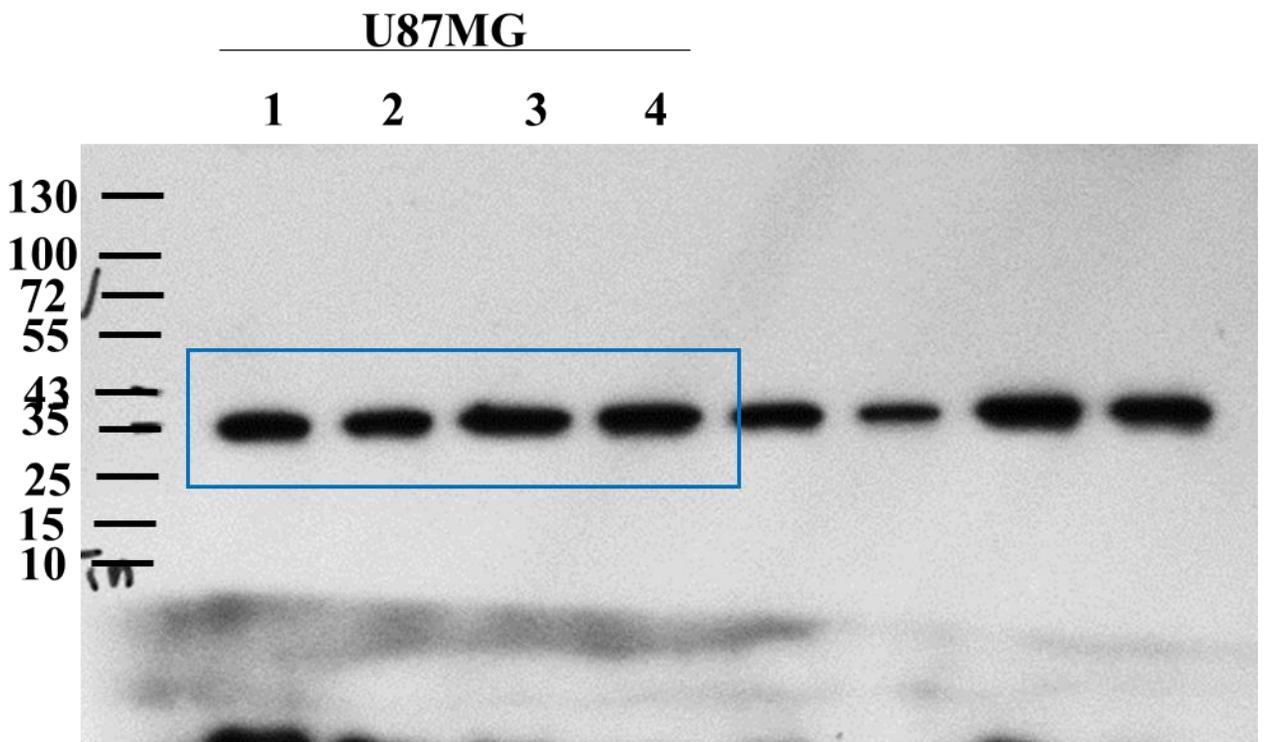
Related to Fig.4A-4

Anti- $\beta$ -catenin (S33/37/41)



1 : 0.92 : 0.13 : 0.09

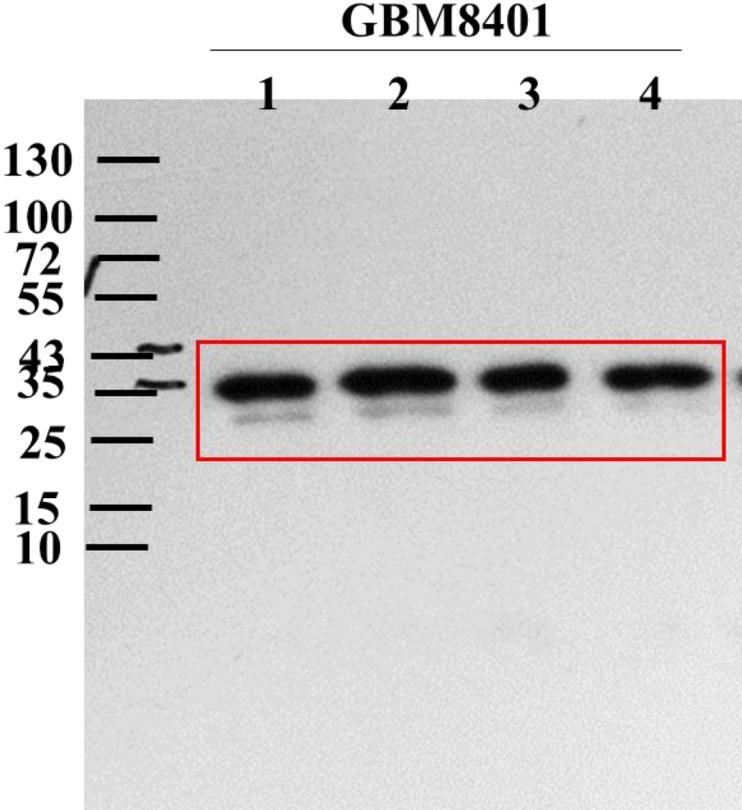
Anti-GAPDH



1 : 0.93 : 1.06 : 1.00

Related to Fig.4A-5

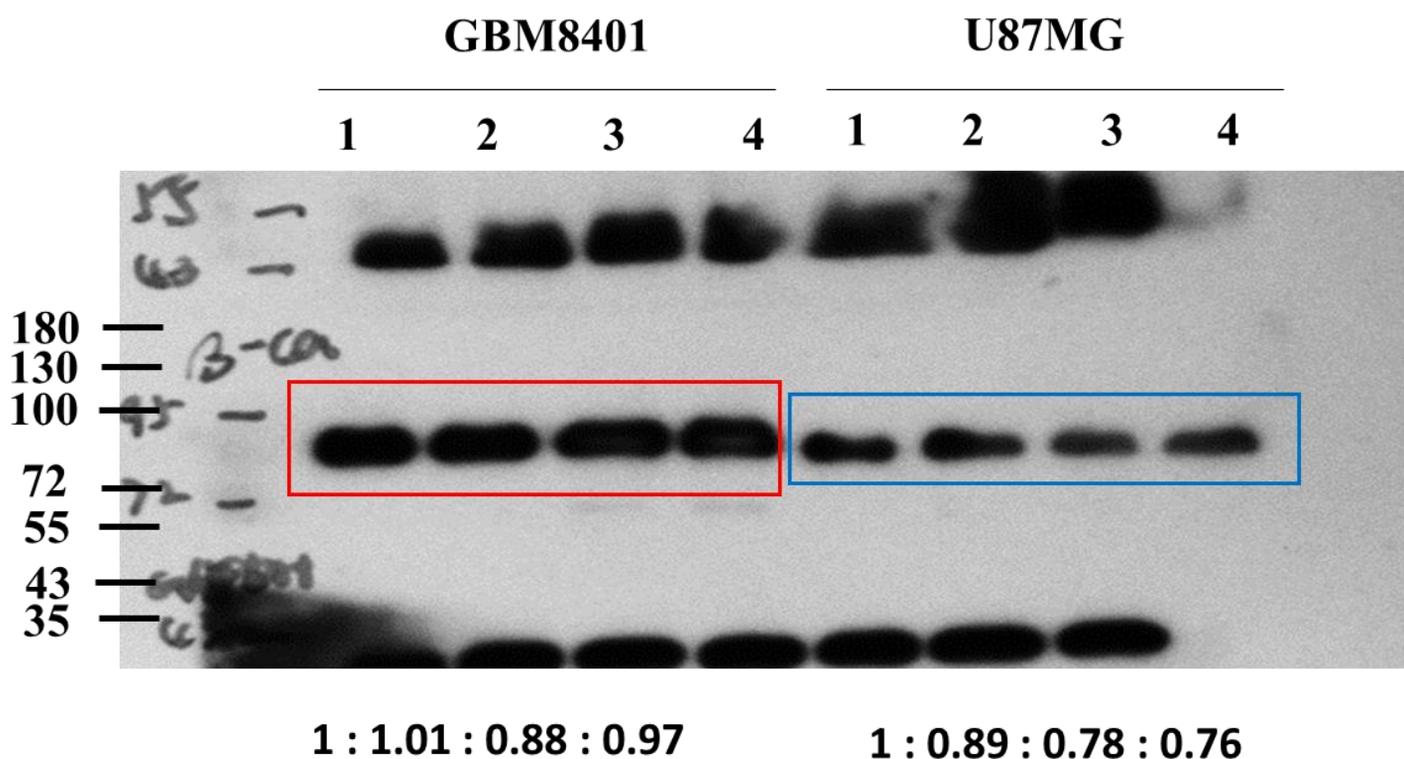
**Anti-GAPDH**



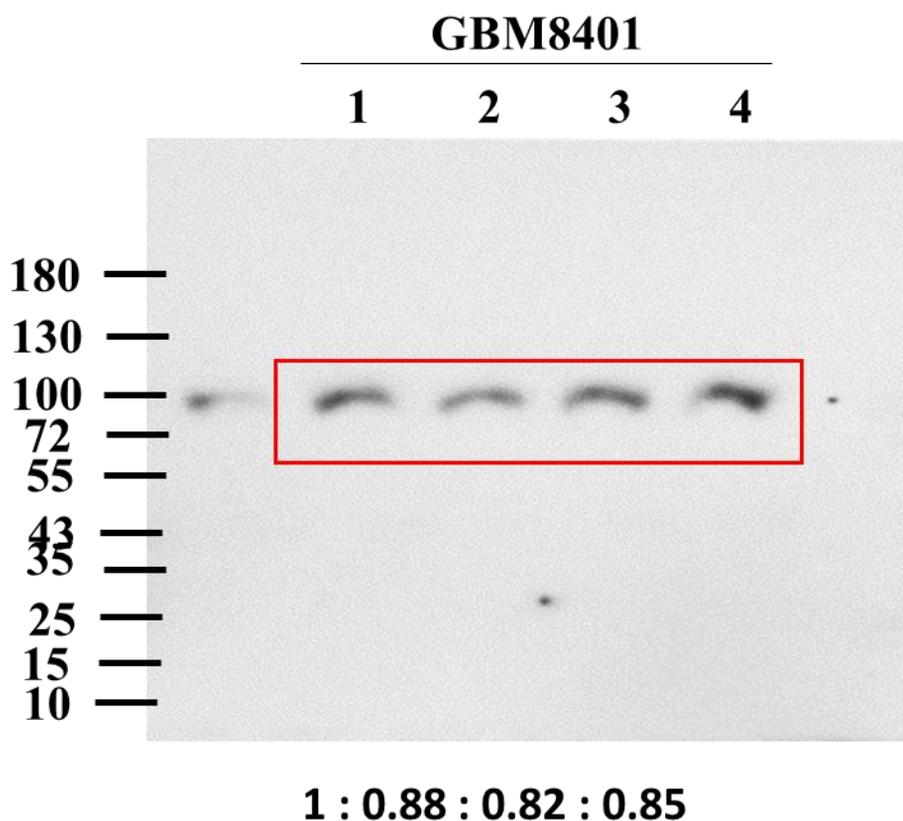
**1 : 0.92 : 0.92 : 0.98**

# Related to Fig.4B-1

## Anti- $\beta$ -catenin

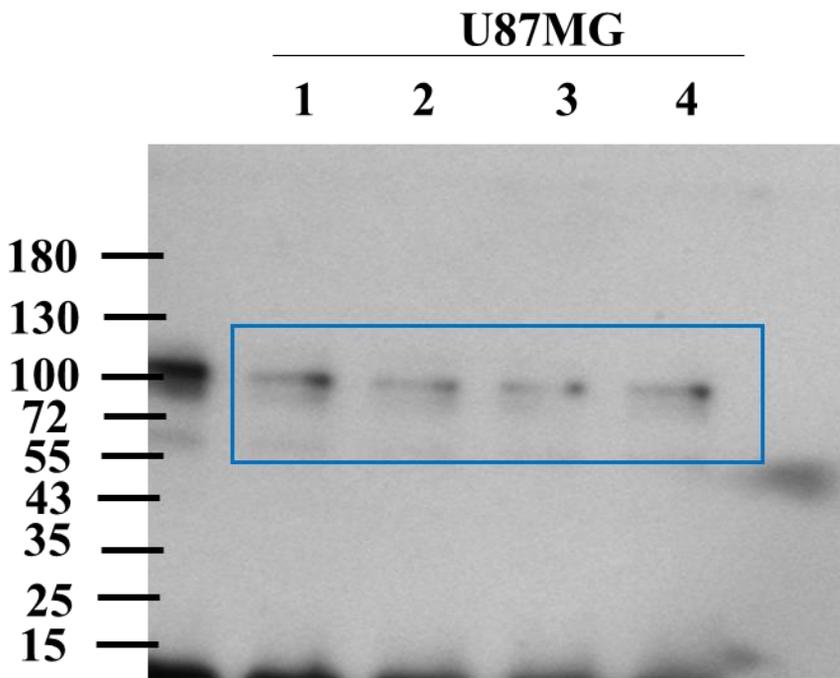


## Anti- $\beta$ -catenin (S33/37/41)



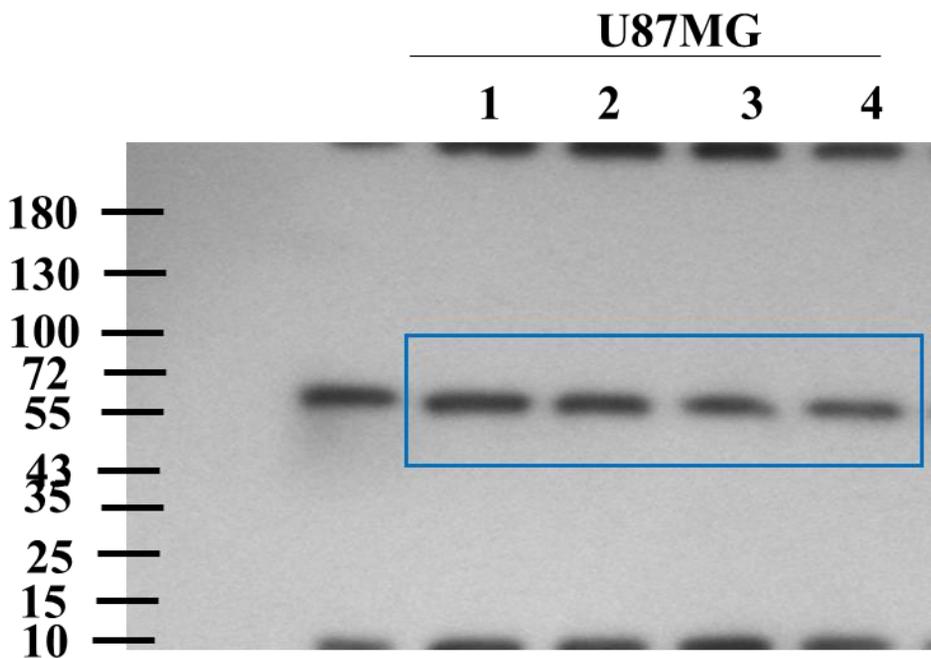
Related to Fig.4B-2

**Anti- $\beta$ -catenin (S33/37/41)**



**1 : 0.84 : 0.99 : 1.12**

**Anti-P62**



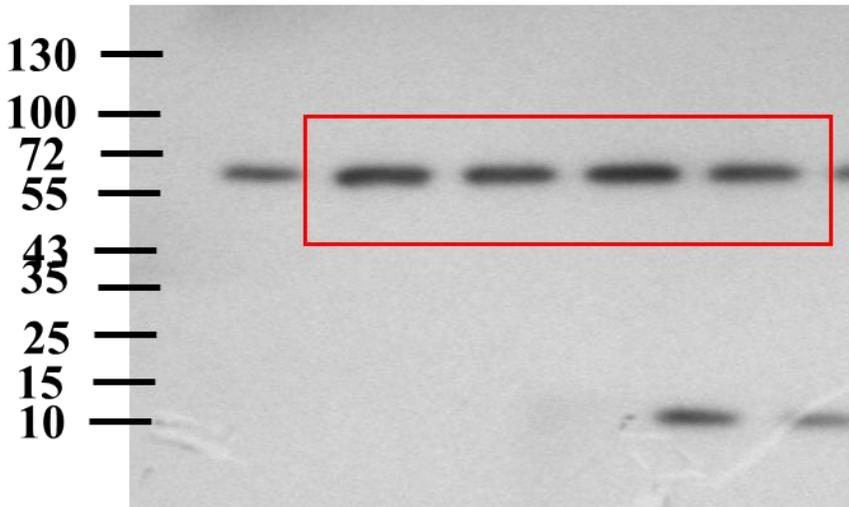
**1 : 0.93 : 0.86 : 0.87**

Related to Fig.4B-3

Anti-P62

GBM8401

1 2 3 4

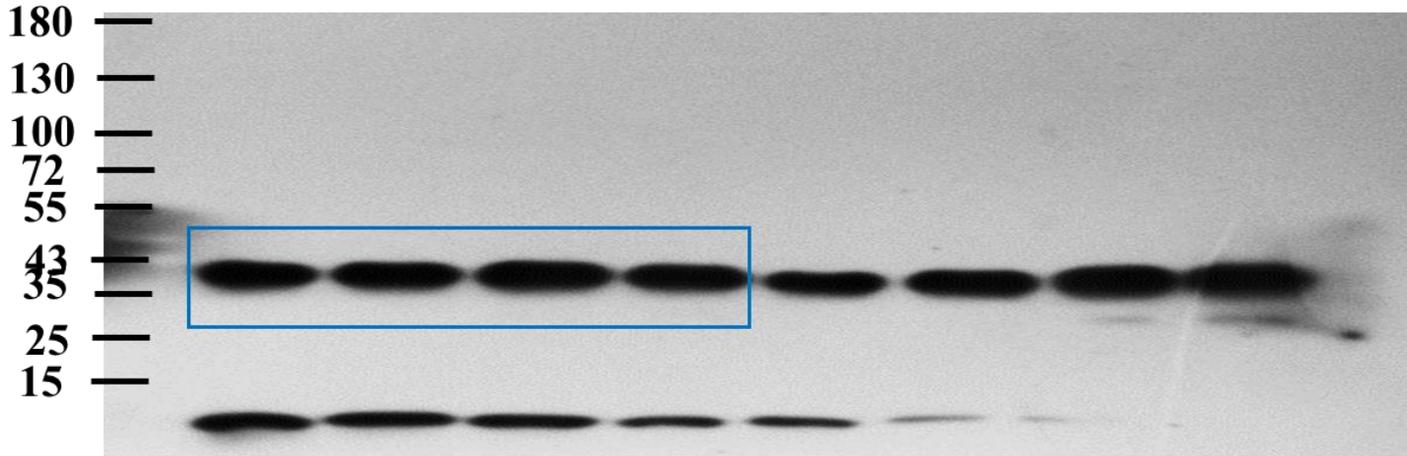


1 : 0.96 : 1.06 : 0.98

Anti-GAPDH

U87MG

1 2 3 4

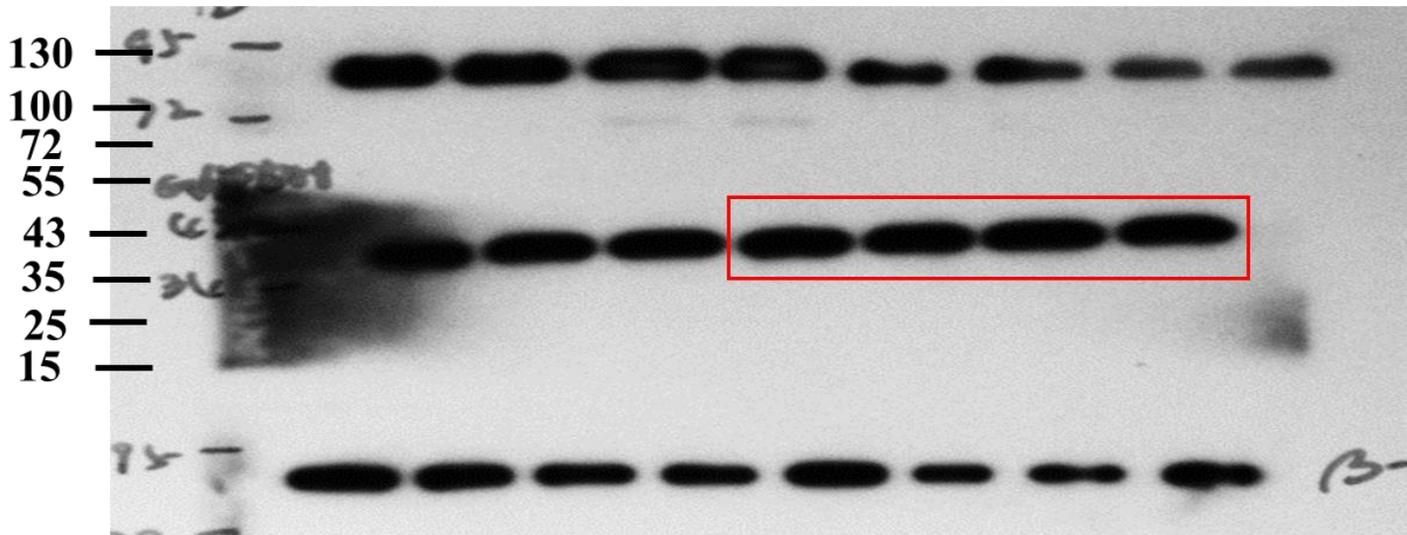


1 : 1.01 : 1.04 : 1.01

Anti- GAPDH

GBM8401

1 2 3 4



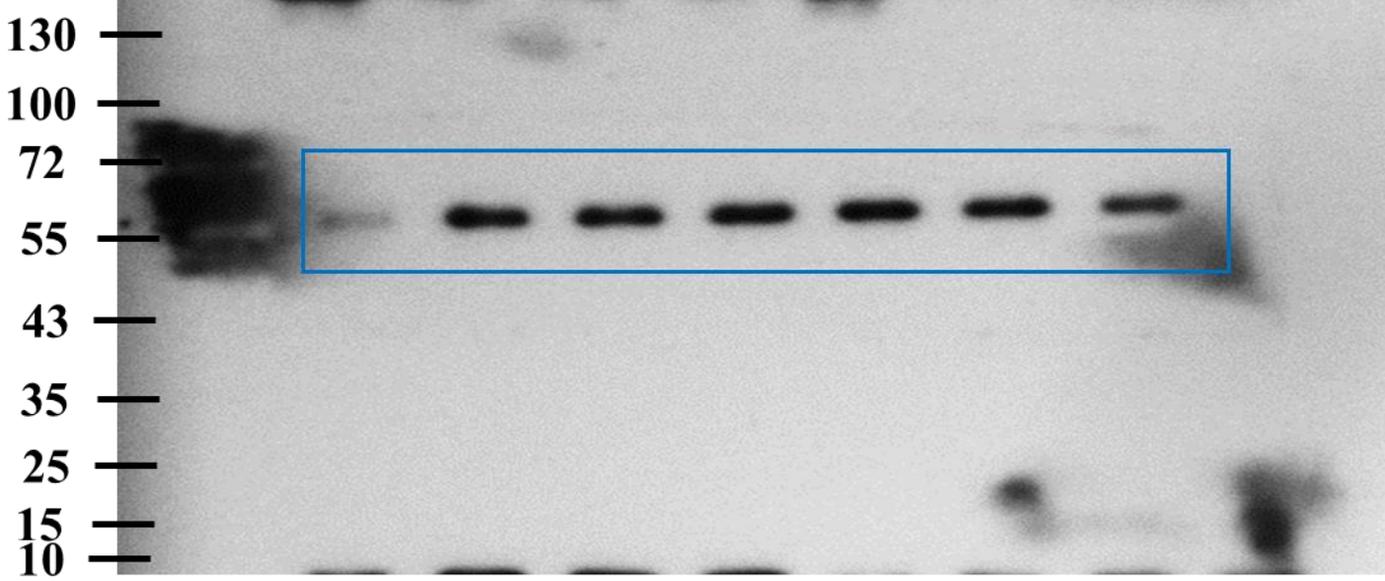
1 : 0.99 : 1.04 : 1.00

Related to Fig.5-1

Anti-P62

U87MG

1 2 3 4 5 6 7

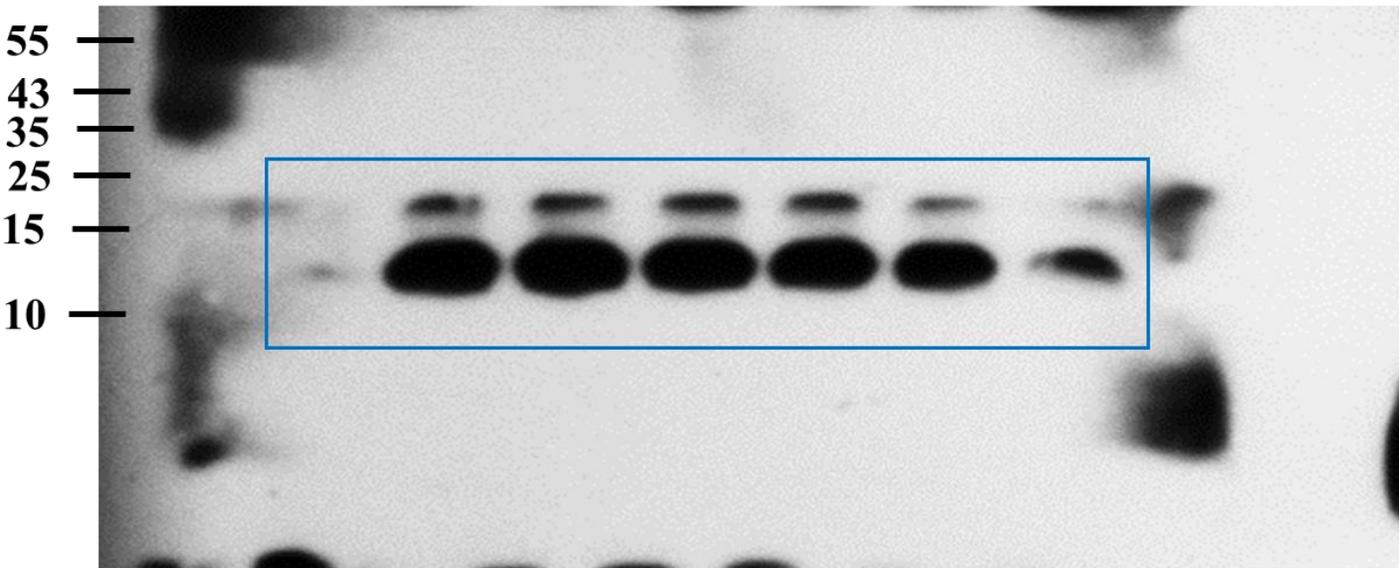


1 : 2.27 : 2.33 : 2.16 : 2.14 : 2.06 : 1.52

Anti-LC3I/II

U87MG

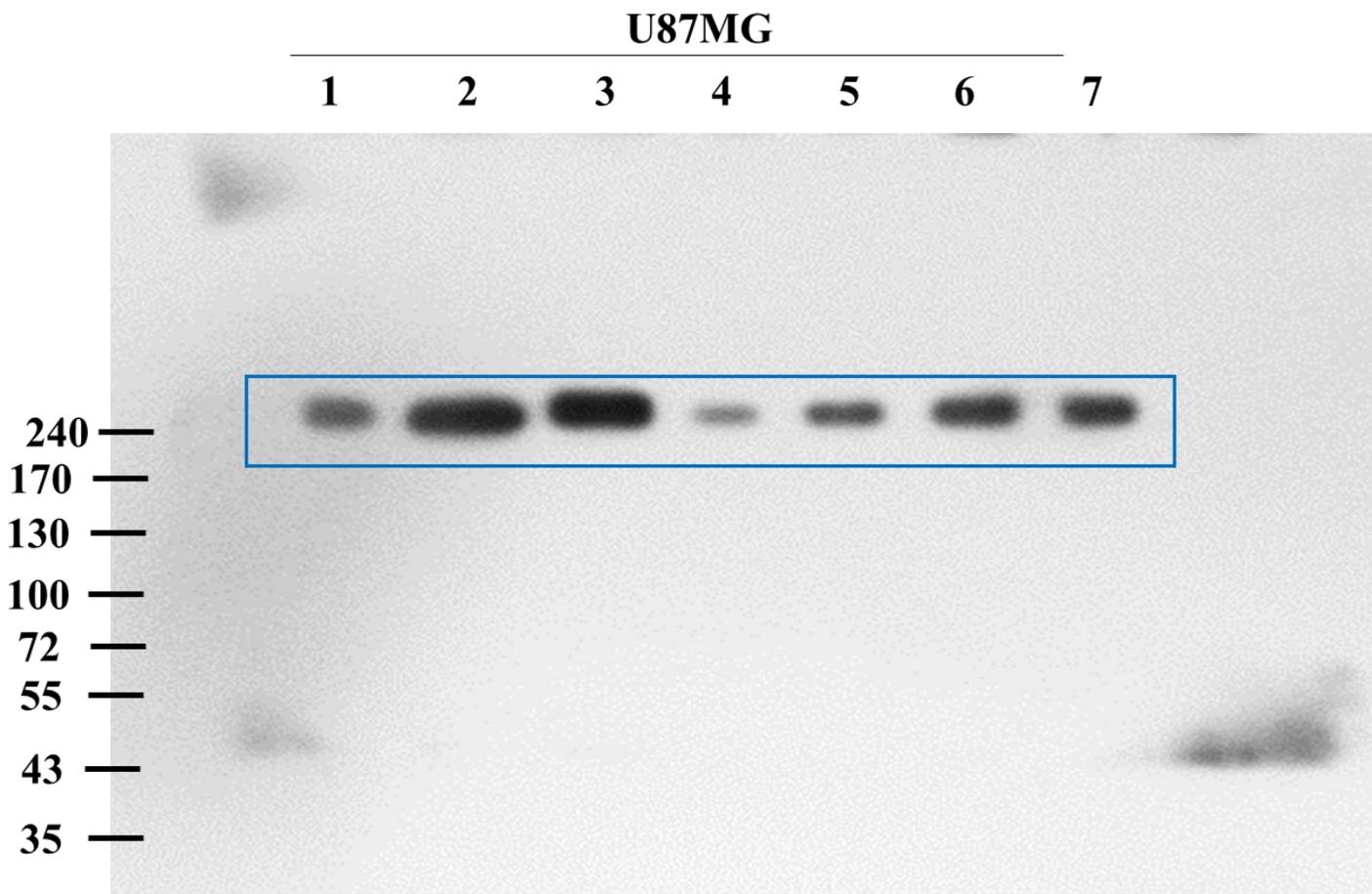
1 2 3 4 5 6 7



LC3 II 1 : 3.72 : 4.16 : 3.98 : 3.97 : 4.08 : 2.55

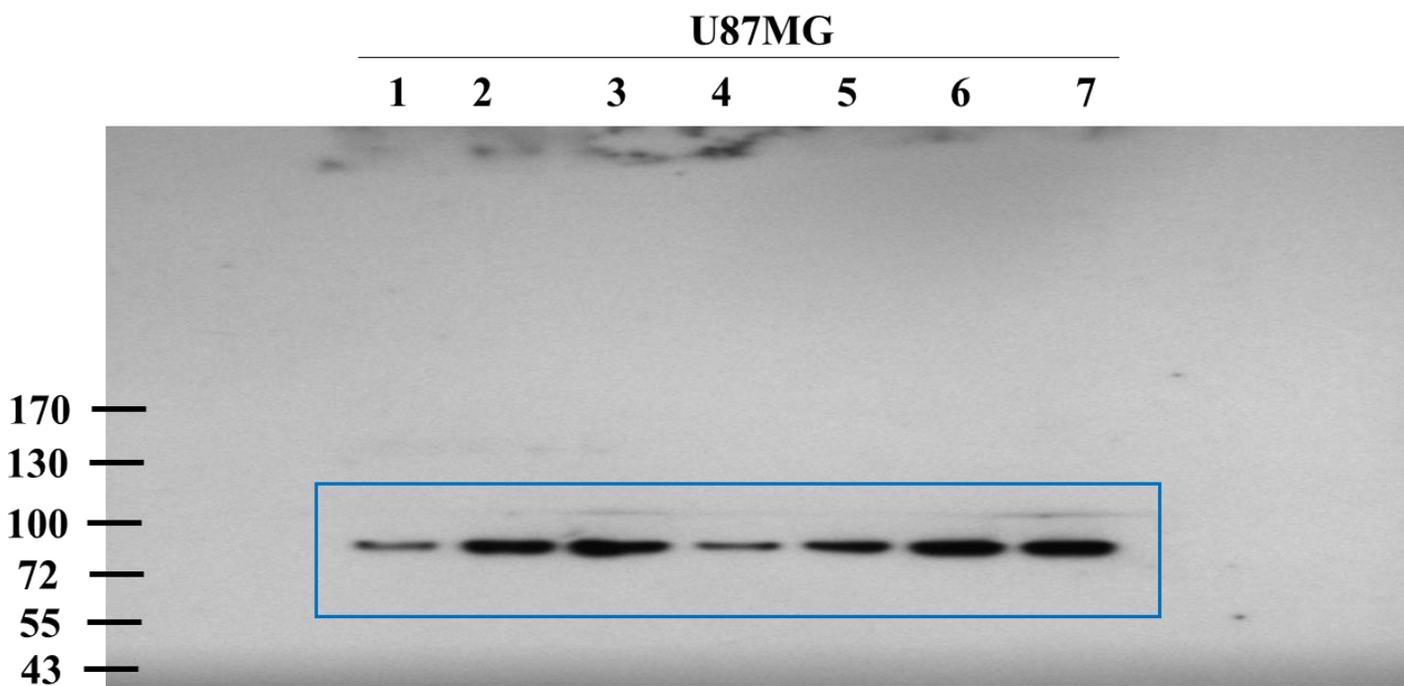
**Related to Fig.5-2**

**Anti-Nestin**



**1 : 2.28 : 2.20 : 0.74 : 1.04 : 1.48 : 1.68**

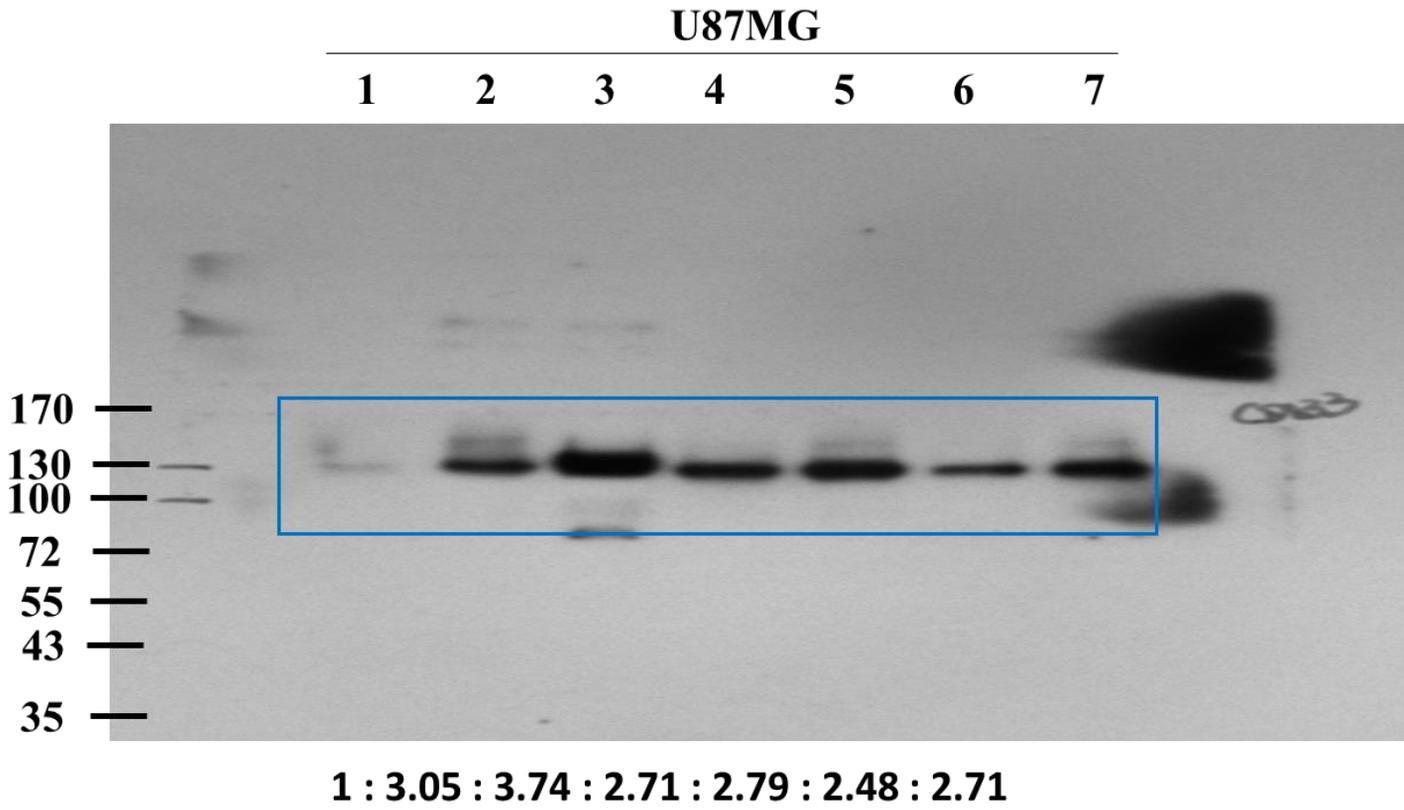
**Anti-CD44**



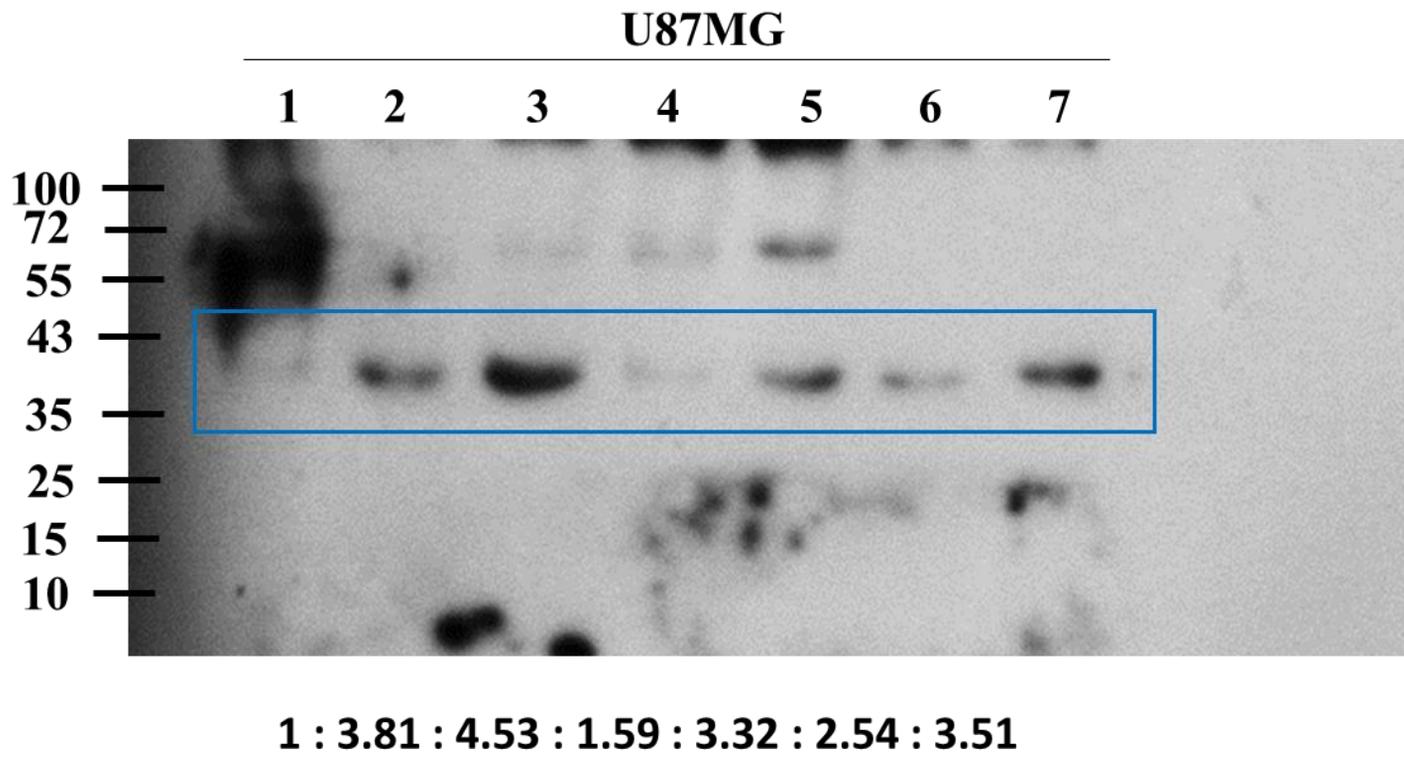
**1 : 1.53 : 1.62 : 1.16 : 1.49 : 1.54 : 1.65**

Related to Fig.5-3

Anti-CD133



Anti-SOX2

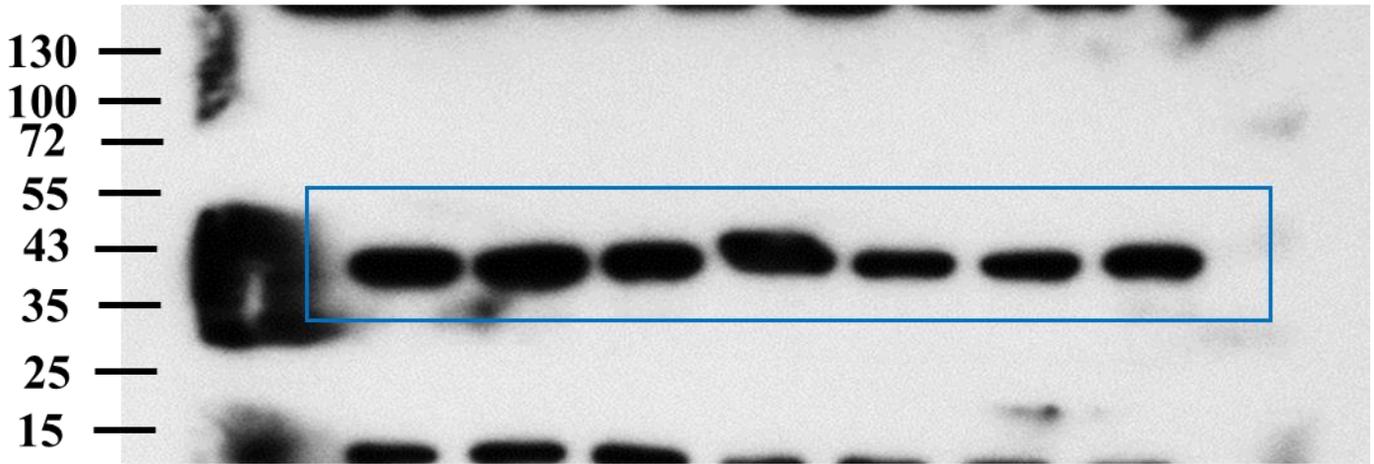


Related to Fig.5-4

**Anti-GAPDH**

**U87MG**

1 2 3 4 5 6 7

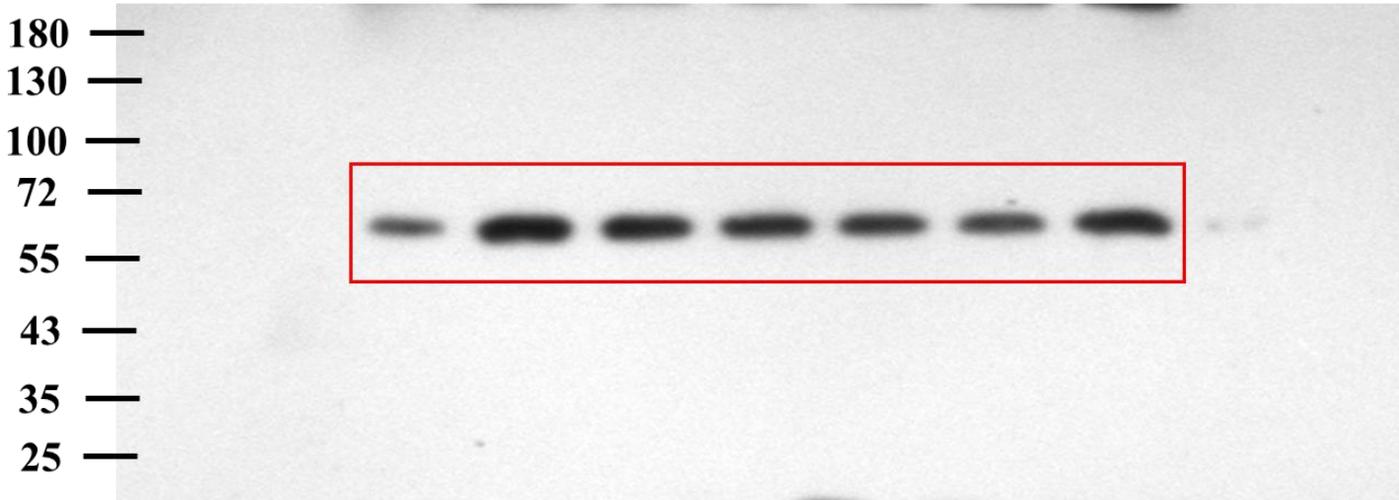


1 : 1 : 0.97 : 0.96 : 0.83 : 0.88 : 1.02

**Anti-P62**

**GBM 8401**

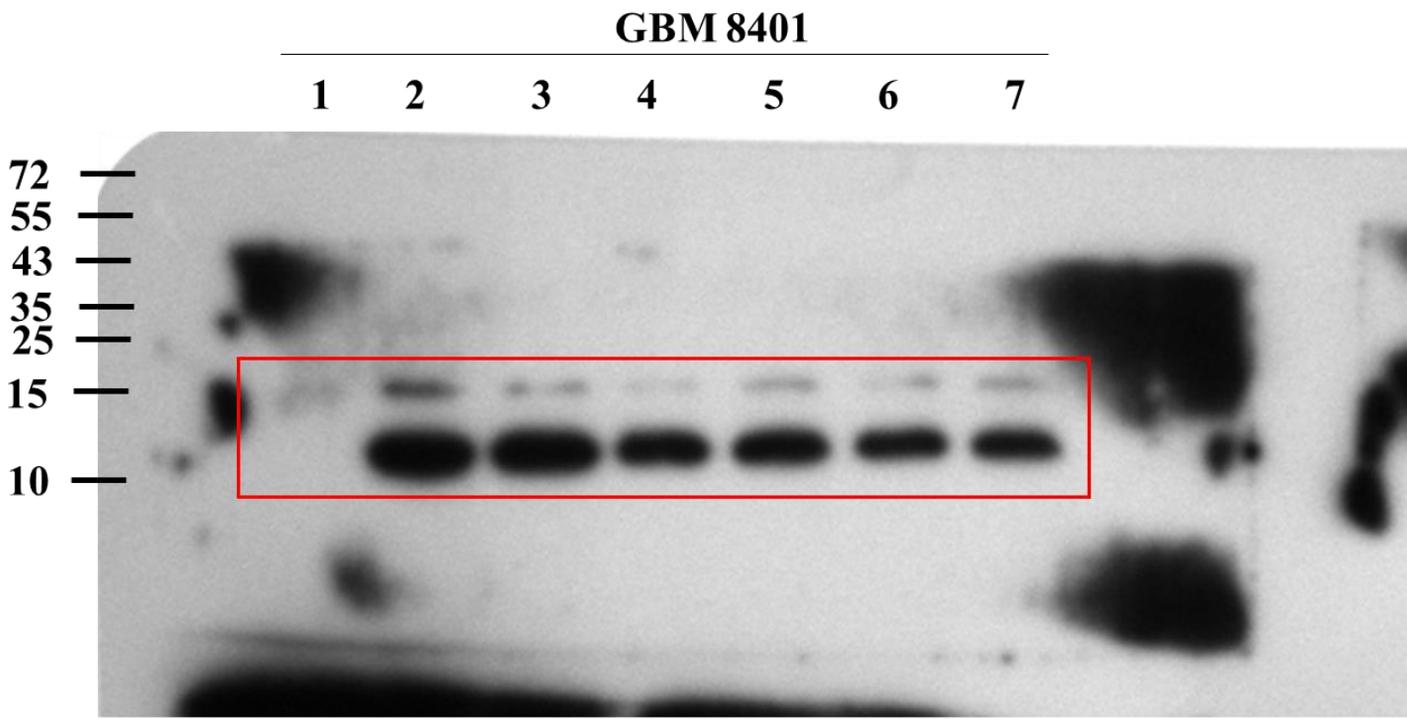
1 2 3 4 5 6 7



1 : 2.76 : 2.15 : 1.87 : 2.00 : 2.02 : 2.14

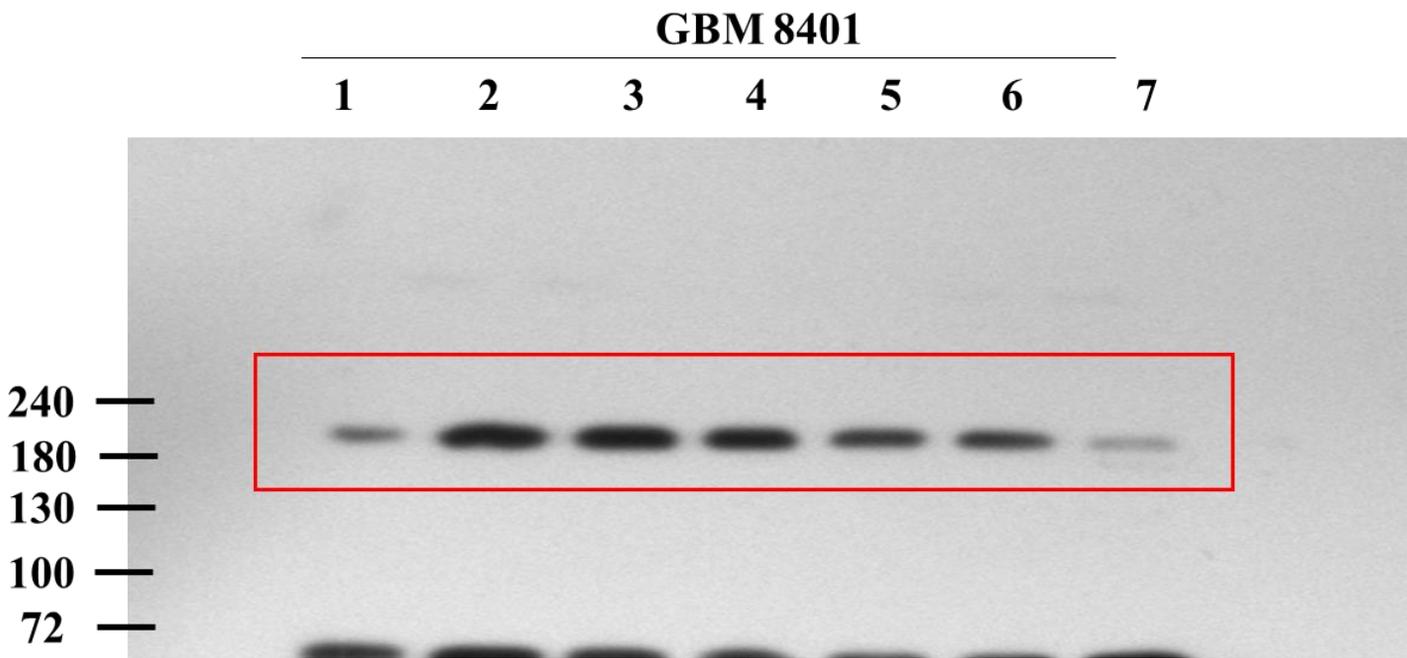
**Related to Fig.5-5**

**Anti-LC3I/II**



**1 : 4.19 : 4.22 : 3.57 : 3.58 : 3.45 : 3.34**

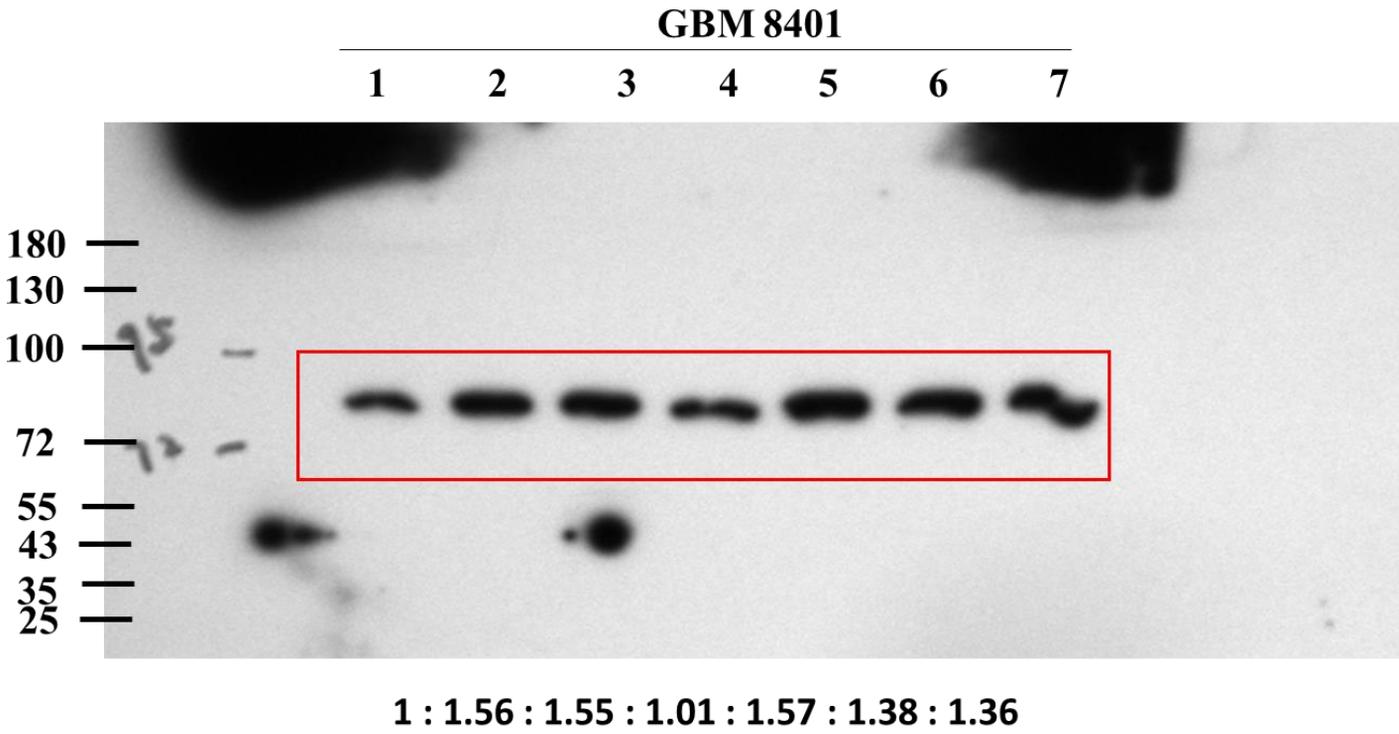
**Anti-Nestin**



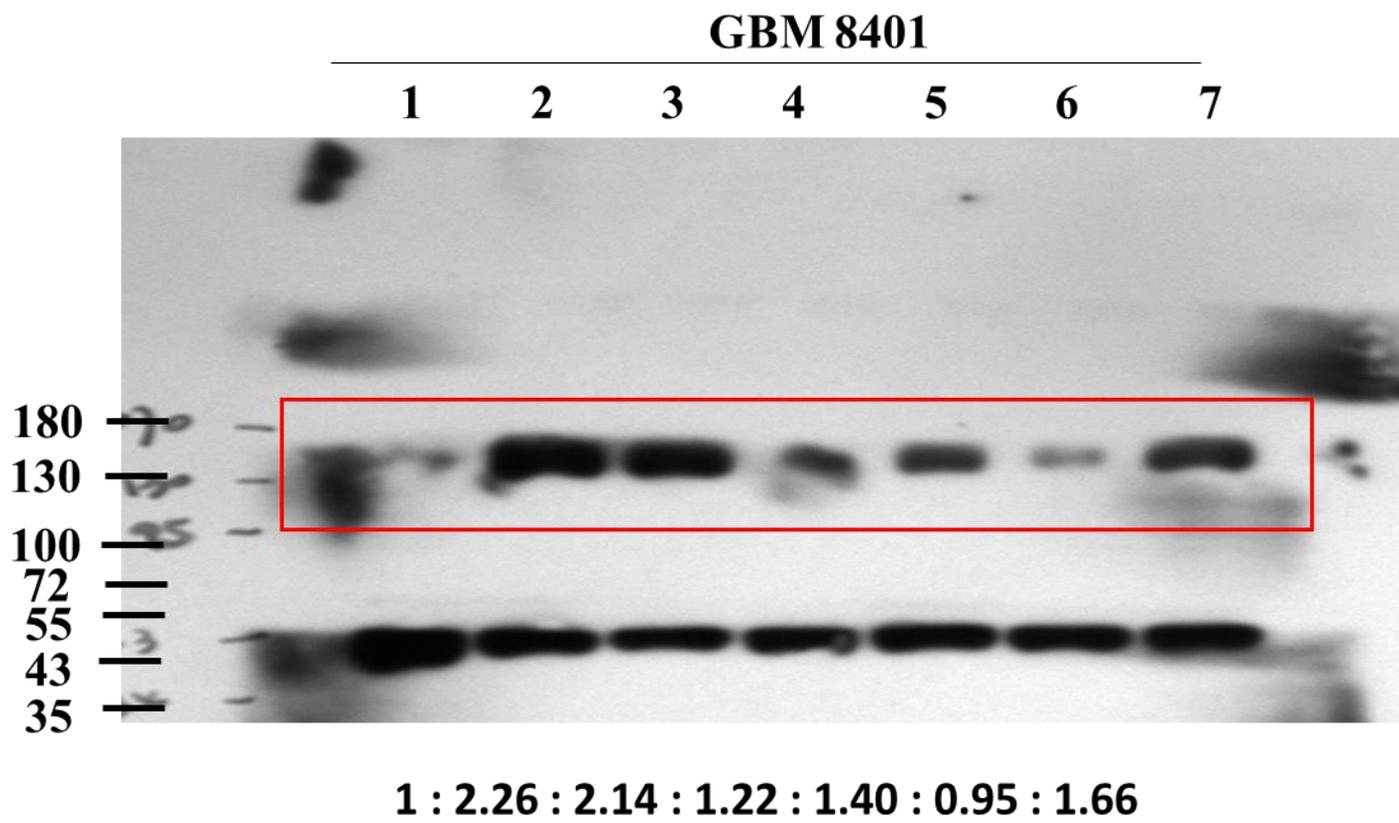
**1 : 2.26 : 2.35 : 1.95 : 1.75 : 1.87 : 1.46**

**Related to Fig.5-6**

**Anti-CD44**



**Anti-CD133**

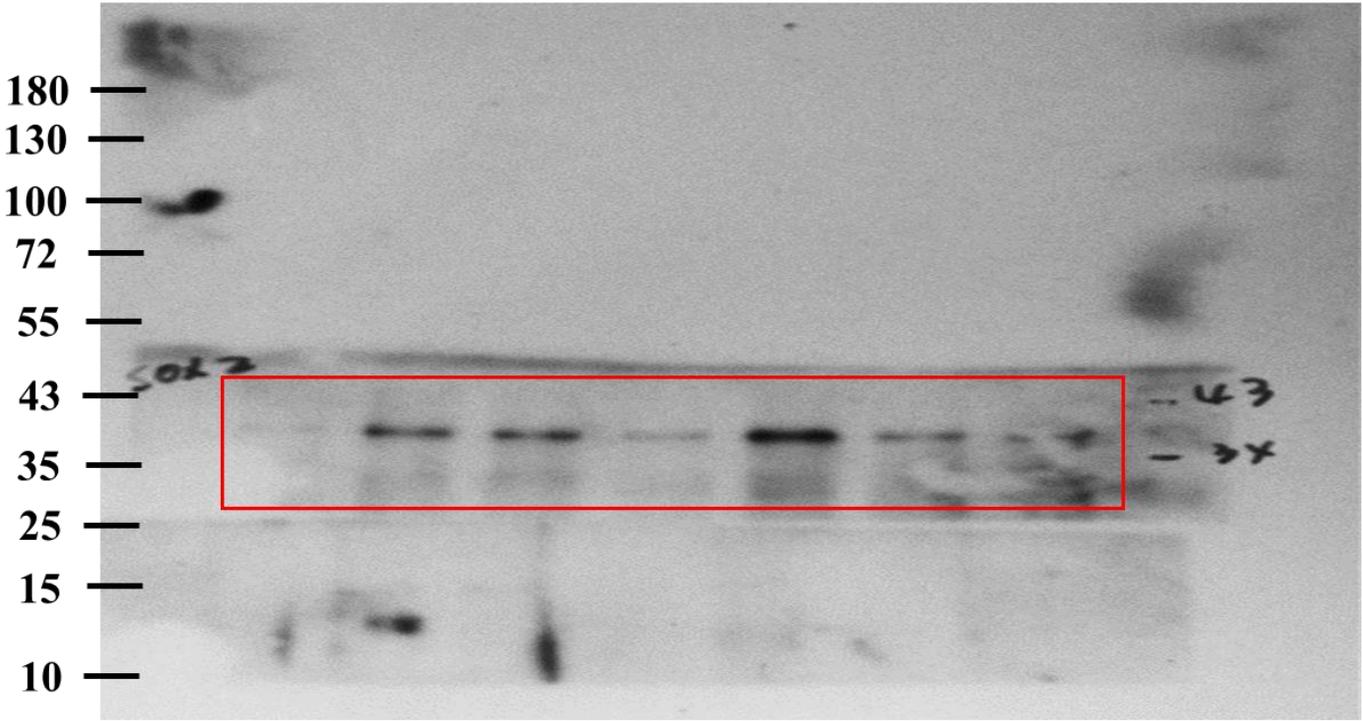


Related to Fig.5-7

Anti-SOX2

GBM 8401

1 2 3 4 5 6 7

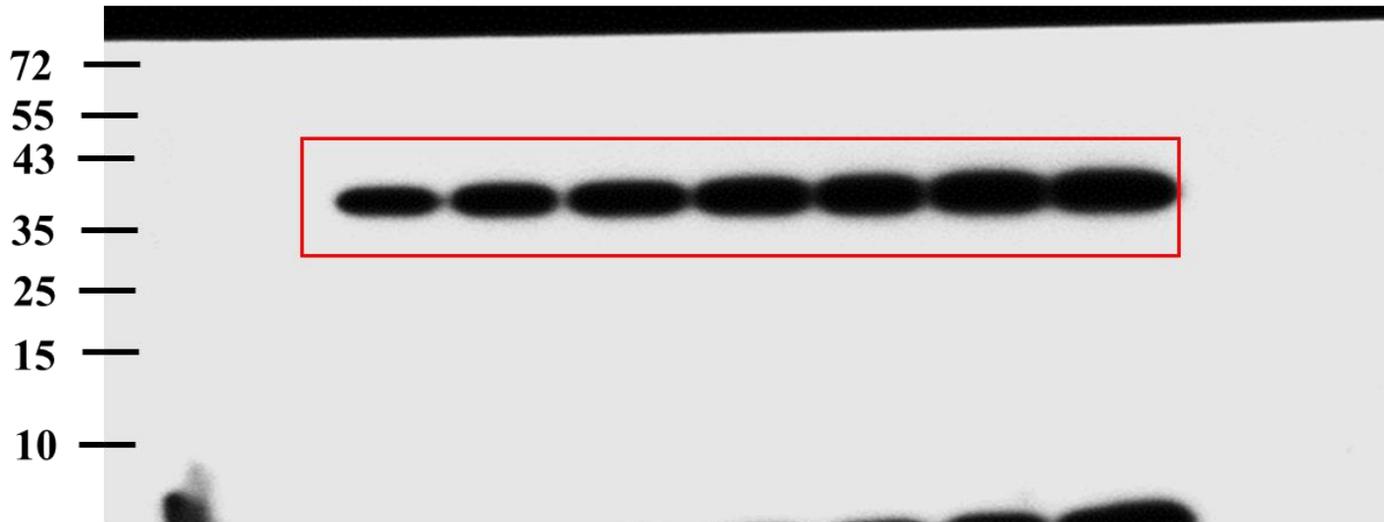


1 : 2.12 : 2.17 : 1.41 : 2.17 : 1.79 : 1.63

Anti-GAPDH

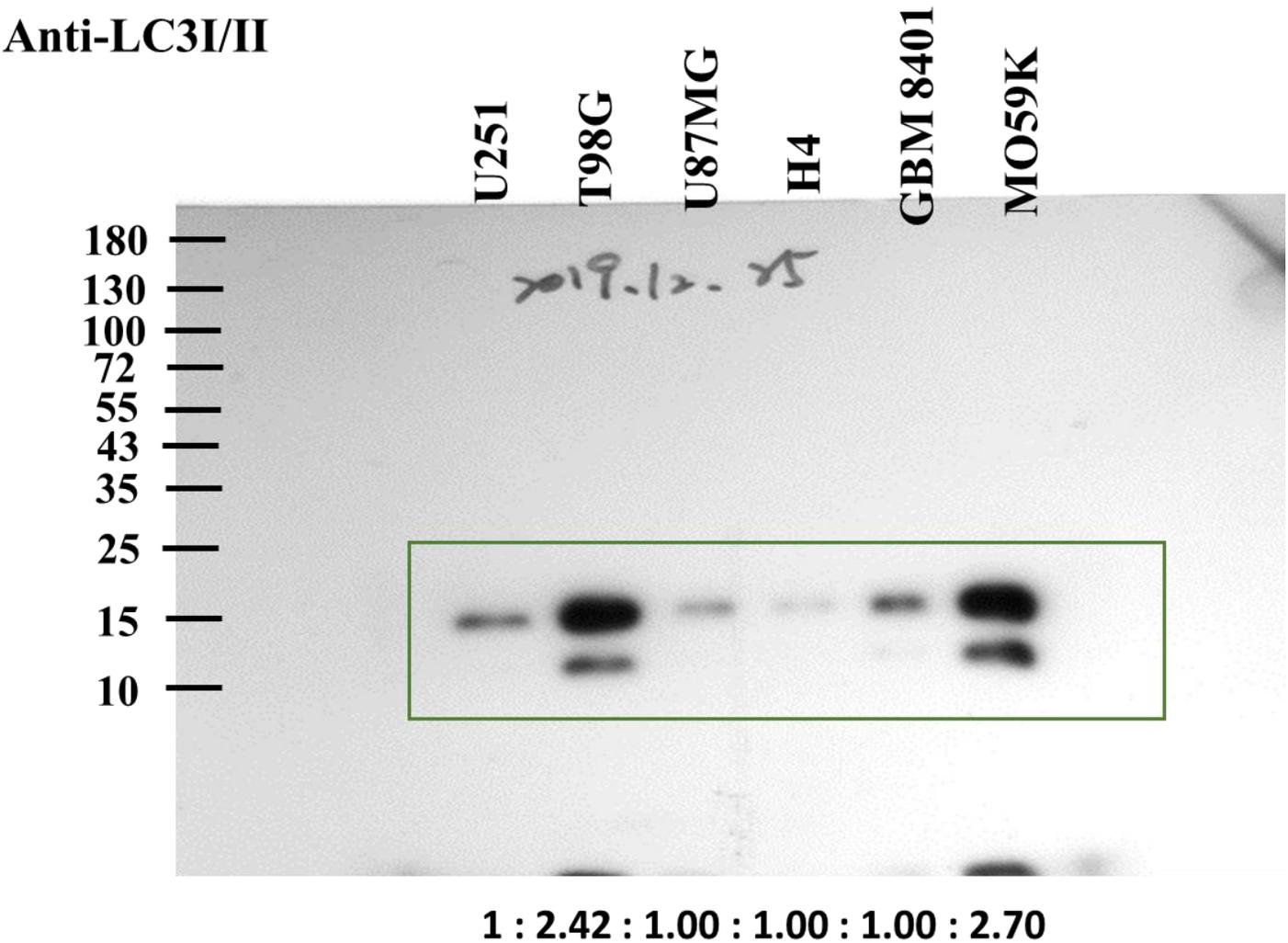
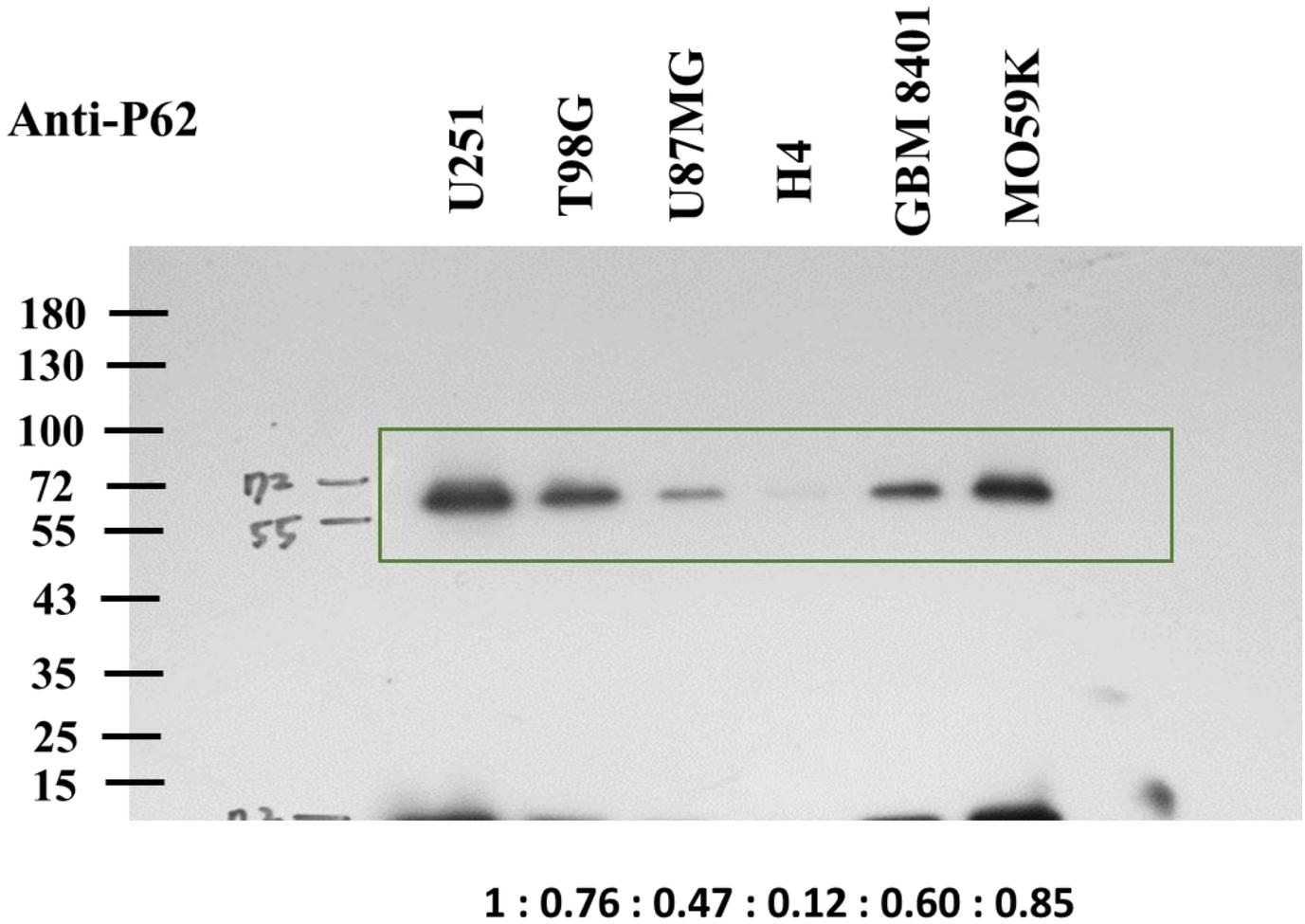
GBM 8401

1 2 3 4 5 6 7



1 : 1.03 : 1.09 : 1.12 : 1.15 : 1.57 : 1.62

Supplement Figure 2-1.

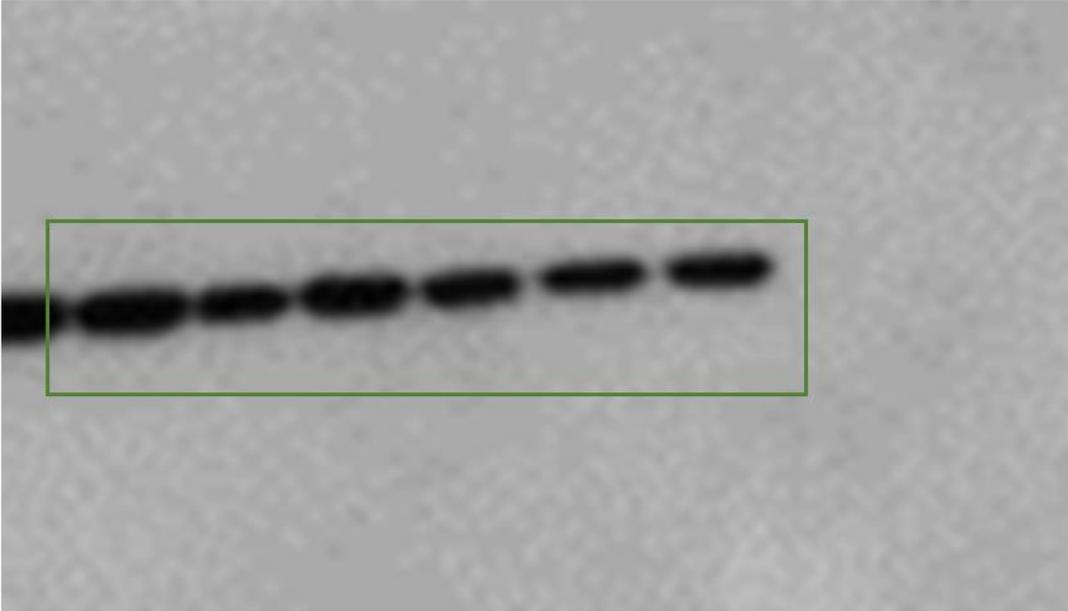


Supplement Figure 2-2.

Anti-GAPDH

U251      T98G      U87MG      H4      GBM 8401      MO59K

180 —  
130 —  
100 —  
72 —  
55 —  
43 —  
35 —  
25 —  
15 —  
10 —



1 : 0.88 : 0.95 : 0.87 : 0.82 : 0.83