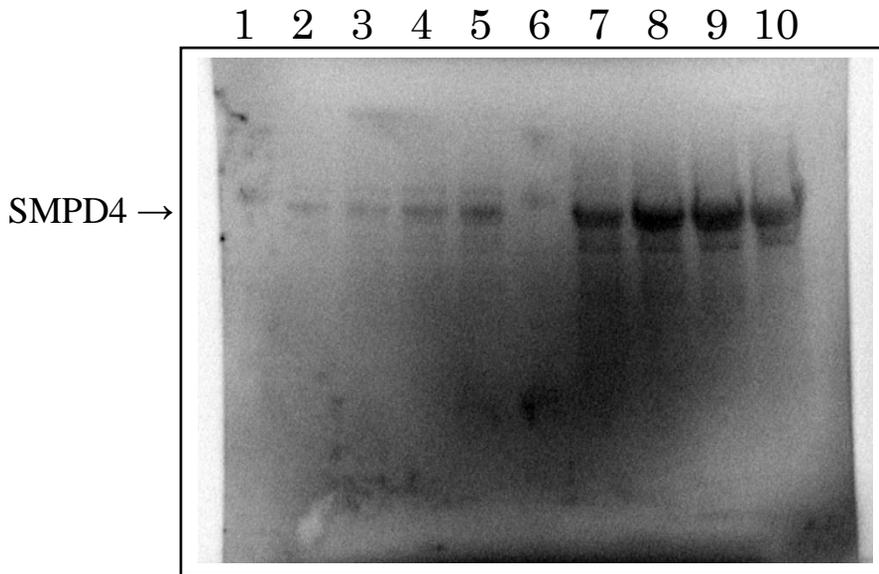
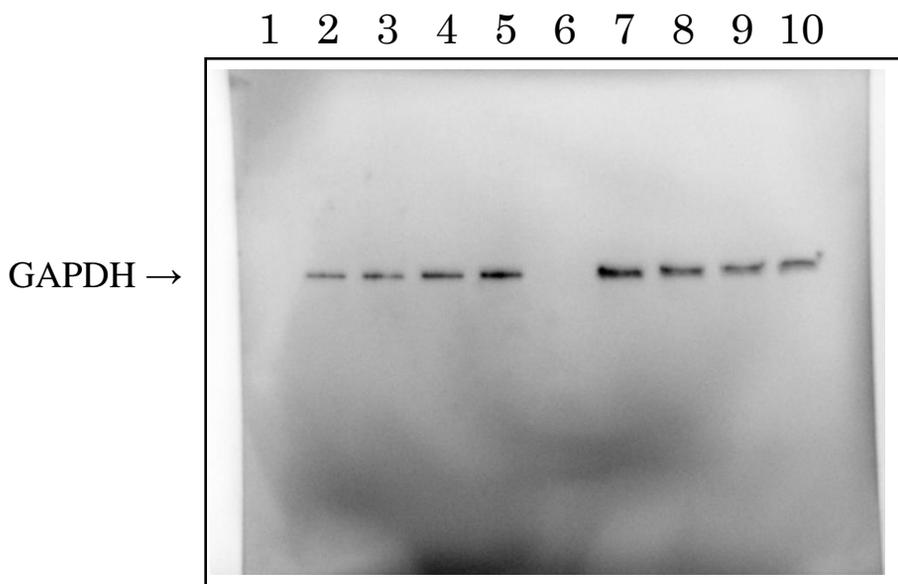


Fig.3C . Detection of SMPD4 and GAPDH proteins by Western blot analysis.

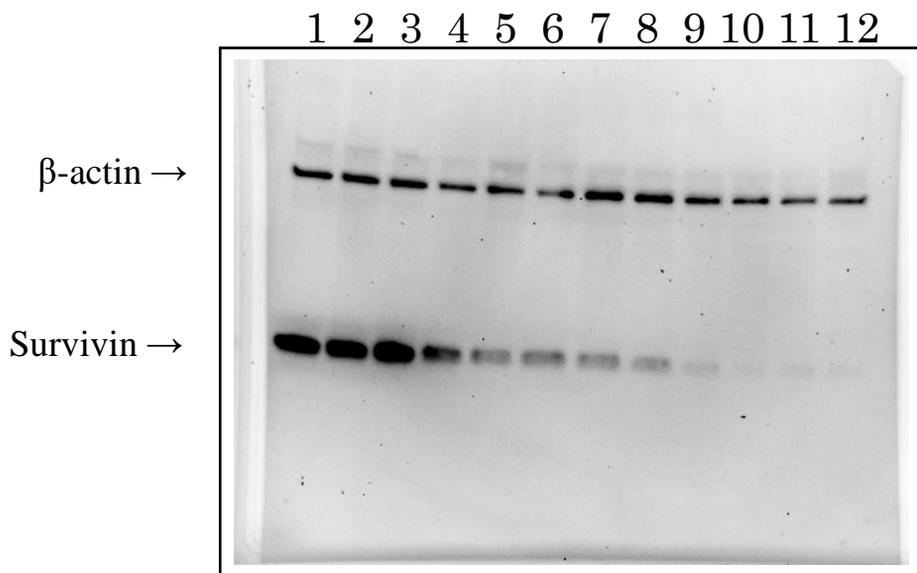


- Lane 1: 5µL Prestained Molecular Weight Marker
- Lane 2: 20µL lysates of HSC-3 cells with vehicle for 2 h
- Lane 3: 20µL lysates of HSC-3 cells with vehicle for 2 h
- Lane 4: 20µL lysates of HSC-3 cells with vehicle for 2 h
- Lane 5: 20µL lysates of HSC-3 cells with vehicle for 2 h
- Lane 6: 5µL Prestained Molecular Weight Marker
- Lane 7: 20µL lysates of HSC-3 cells treated with 30µM Amb544925 for 2 h
- Lane 8: 20µL lysates of HSC-3 cells treated with 30µM Amb544925 for 2 h
- Lane 9: 20µL lysates of HSC-3 cells treated with 30µM Amb544925 for 2 h
- Lane 10: 20µL lysates of HSC-3 cells treated with 30µM Amb544925 for 2 h



- Lane 1: 5µL Prestained Molecular Weight Marker
- Lane 2: 20µL lysates of HSC-3 cells with vehicle for 2 h
- Lane 3: 20µL lysates of HSC-3 cells with vehicle for 2 h
- Lane 4: 20µL lysates of HSC-3 cells with vehicle for 2 h
- Lane 5: 20µL lysates of HSC-3 cells with vehicle for 2 h
- Lane 6: 5µL Prestained Molecular Weight Marker
- Lane 7: 20µL lysates of HSC-3 cells treated with 30µM Amb544925 for 2 h
- Lane 8: 20µL lysates of HSC-3 cells treated with 30µM Amb544925 for 2 h
- Lane 9: 20µL lysates of HSC-3 cells treated with 30µM Amb544925 for 2 h
- Lane 10: 20µL lysates of HSC-3 cells treated with 30µM Amb544925 for 2 h

Fig.5A . Detection of Survivin and β -actin proteins by Western blot analysis.



Lane 1: 20 μ L lysates of HSC-3 cells with Vehicle for 8 h

Lane 2: 20 μ L lysates of HSC-3 cells with Vehicle for 8 h

Lane 3: 20 μ L lysates of HSC-3 cells with Vehicle for 8 h

Lane 4: 20 μ L lysates of HSC-3 cells treated with 30 μ M Amb544925 for 8 h

Lane 5: 20 μ L lysates of HSC-3 cells treated with 30 μ M Amb544925 for 8 h

Lane 6: 20 μ L lysates of HSC-3 cells treated with 30 μ M Amb544925 for 8 h

Lane 7: 20 μ L lysates of HSC-3 cells treated with 60 μ M Amb544925 for 8 h

Lane 8: 20 μ L lysates of HSC-3 cells treated with 60 μ M Amb544925 for 8 h

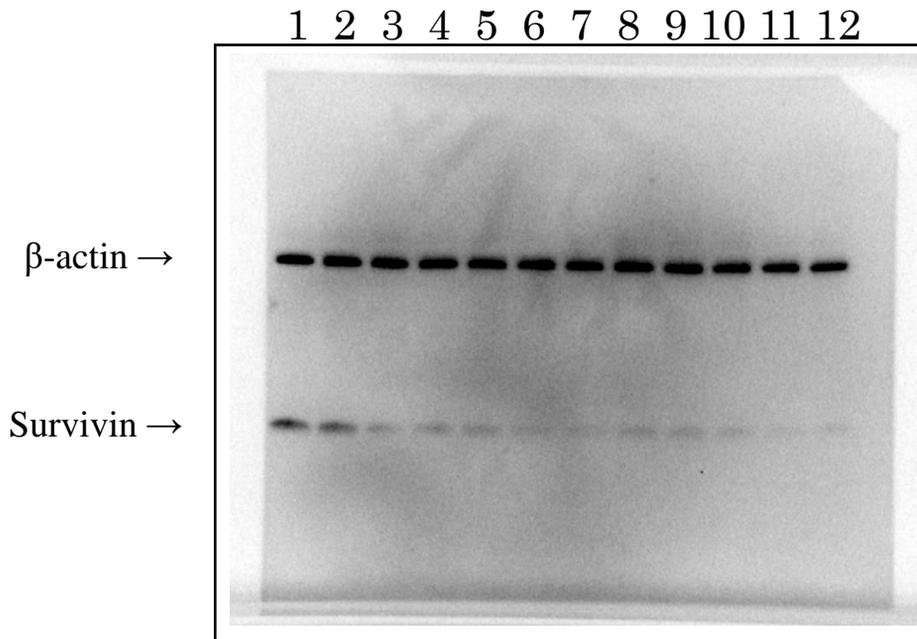
Lane 9: 20 μ L lysates of HSC-3 cells treated with 60 μ M Amb544925 for 8 h

Lane 10: 20 μ L lysates of HSC-3 cells treated with 90 μ M Amb544925 for 8 h

Lane 11: 20 μ L lysates of HSC-3 cells treated with 90 μ M Amb544925 for 8 h

Lane 12: 20 μ L lysates of HSC-3 cells treated with 90 μ M Amb544925 for 8 h

Fig.5B . Detection of Survivin and β -actin proteins by Western blot analysis.



Lane 1: 20 μ L lysates of HSC-3 cells with Vehicle for 8 h

Lane 2: 20 μ L lysates of HSC-3 cells with Vehicle for 8 h

Lane 3: 20 μ L lysates of HSC-3 cells with Vehicle for 8 h

Lane 4: 20 μ L lysates of HSC-3 cells treated with 50 μ M C2 ceramide for 8 h

Lane 5: 20 μ L lysates of HSC-3 cells treated with 50 μ M C2 ceramide for 8 h

Lane 6: 20 μ L lysates of HSC-3 cells treated with 50 μ M C2 ceramide for 8 h

Lane 7: 20 μ L lysates of HSC-3 cells treated with 75 μ M C2 ceramide for 8 h

Lane 8: 20 μ L lysates of HSC-3 cells treated with 75 μ M C2 ceramide for 8 h

Lane 9: 20 μ L lysates of HSC-3 cells treated with 75 μ M C2 ceramide for 8 h

Lane 10: 20 μ L lysates of HSC-3 cells treated with 100 μ M C2 ceramide for 8 h

Lane 11: 20 μ L lysates of HSC-3 cells treated with 100 μ M C2 ceramide for 8 h

Lane 12: 20 μ L lysates of HSC-3 cells treated with 100 μ M C2 ceramide for 8 h