

Product Datasheet

VPS35 Antibody: Biotin (orb612839)

Description	Mouse monoclonal antibody against VPS35 conjugated to Biotin
Species/Host	Mouse
Reactivity	Human, Mouse, Rat
Conjugation	Biotin
Tested Applications	ELISA, ICC, IF, IHC, WB
Immunogen	Full length recombinant human VSP35
Target	VPS35
Preservatives	136.36mM Ethanolamine, and 9.55mM Sodium Bicarbonate in 95.45% PBS
Concentration	1 mg/ml
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	A 1:1000 dilution of SMC-606 was sufficient for detection of VPS35 in 10 µg of SH-SY5Y by ECL immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary antibody.
Isotype	IgG2b
Clonality	Monoclonal
Clone Number	11H10
MW	92 kDa
Uniprot ID	Q96QK1
NCBI	NP_060676.2

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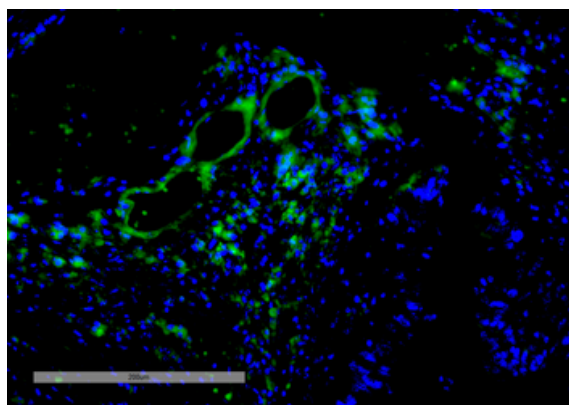
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Dilution Range

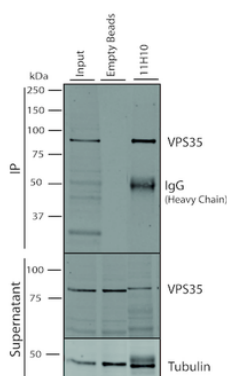
WB (1:1000); IP (1:200); IHC (1:100)

Expiration Date

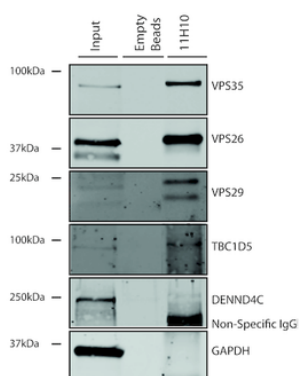
12 months from date of receipt.



Immunohistochemistry analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Tissue: Intestinal Cancer. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody at 1:100 for Overnight at 4°C, then 30 min at 37°C. Secondary Antibody: Goat Anti-Mouse IgG (H+L): FITC for 45 min at 37°C. Counterstain: DAPI for 3 min at RT. Magnification: 20X.



Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody. 500 µL cell culture supernatants were incubated with 10 µL of Protein A/G resin beads for 1 hour at 4°C. clone 11H10 depletes VPS35 from the A549 cell extract.



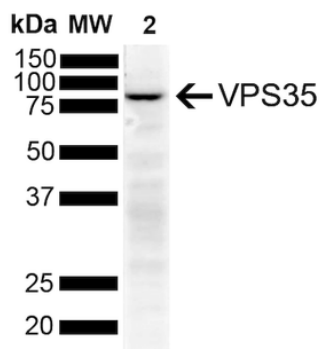
Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody.

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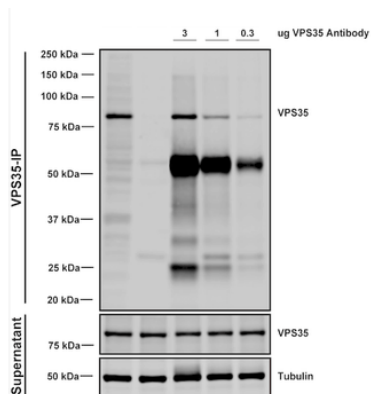
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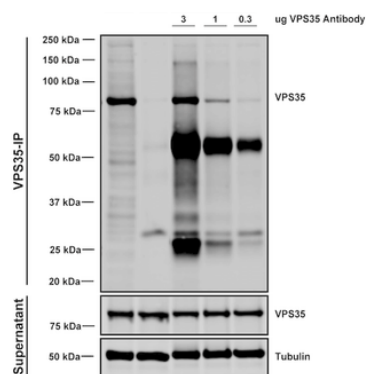
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Western Blot analysis of Human SH-SY5Y showing detection of VPS35 protein using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Lane 1: Molecular Weight Ladder. Lane 2: SH-SY5Y (10 ug). Load: 10 μ g. Block: 5% Skim Milk powder in TBST. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat anti-mouse IgG:HRP at 1:4000 for 1 hour at RT with shaking. Color Development: Chemiluminescent for HRP (Moss) for 5 min in RT.



Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody. Three amounts of (3, 1 and 0.3 ug) were non-covalently coupled to 10uL of A/G sepharose beads for 1 hour at 4°C and next incubated with 250ug of A549 lysate for 2 hours at 4°C.



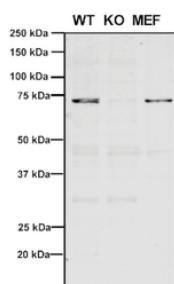
Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Tissue: embryonic fibroblast. Species: Mouse. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody. Three amounts of (3, 1 and 0.3 ug) were non-covalently coupled to 10uL of A/G sepharose beads for 1 hour at 4°C and next incubated with 250ug of MEF lysate for 2 hours at 4°C.

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Western Blot analysis of Human, Mouse A549, MEF showing detection of VPS35 protein using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Lane 1: Molecular Weight Ladder. Lane 2: VPS35 KO A549 cells. Lane 3: mouse embryonic fibroblast cells. Load: 8 μ g each A549 and MEF. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody at 1:5 (tissue culture supernatant). Secondary Antibody: Donkey anti-mouse IRDye 800CW at 1:25000 in TBS-T.

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