

Product Datasheet

VPS35 Antibody: HRP (orb612841)

Catalog Number	orb612841
Category	Antibodies
Description	Mouse monoclonal antibody against VPS35 conjugated to HRP
Target	VPS35
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2b
Conjugation	HRP
Reactivity	Human, Mouse, Rat
Concentration	1 mg/ml
Buffer/Preservatives	73.64mM Carbonate, 54.55mM Ethanolamine, 45.45mM Cyanoborohydride, 18.18mM Sodium Hydroxide and 0.23mM Citrate in dH2O
Purification	Protein G Purified
Immunogen	Full length recombinant human VSP35
UniProt ID	Q96QK1
MW	92 kDa
Tested applications	ELISA, IHC, WB
Dilution range	WB (1:1000); IP (1:200); IHC (1:100)

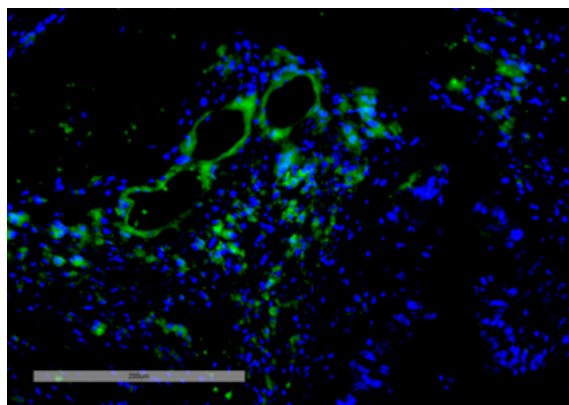
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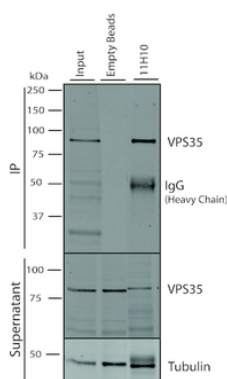
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Application notes	A 1:1000 dilution of SMC-606 was sufficient for detection of VPS35 in 10 µg of SH-SY5Y by ECL immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary antibody.
Clone Number	11H10
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	55737
NCBI	NP_060676.2



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.



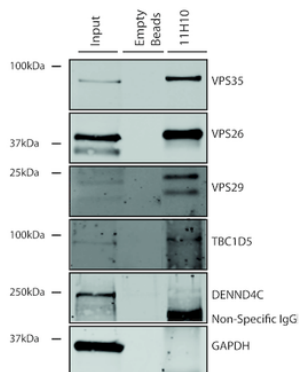
Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody. 500 µL cell culture supernatants were incubated with 10 µL of Protein A/G resin beads for 1 hour at 4°C. clone 11H10 depletes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

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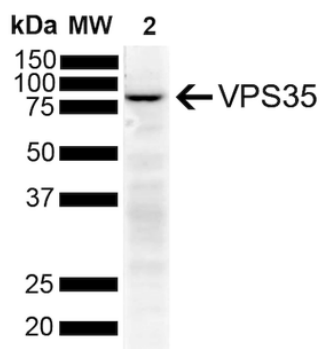
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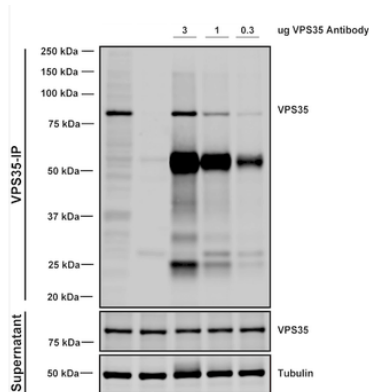
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Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody.



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.



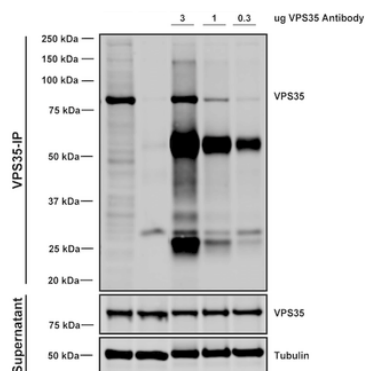
Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody. Three amounts of (3, 1 and 0.3 ug) were non-covalently coupled to 10uL of A/G sepharose beads for 1 hour at 4°C and next incubated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

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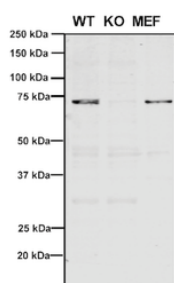
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Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 11H10. Tissue: embryonic fibroblast. Species: Mouse. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody. Three amounts of (3, 1 and 0.3 ug) were non-covalently coupled 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.



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 µg 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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