Data Sheet (Cat.No.TMAB-14131)

Anti-VPS24 Antibody (8N817)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 25 kDa. Actual: 28 kDa.
Clone:	8N817
Purification:	Protein A purified

Applications

Verified Activity:	1. 25 ug total protein per lane of various lysates (see on figure) probed with VPS24 monoclonal antibody, unconjugated (TMAB-14131) at 1: 1000 dilution and 4℃ overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min. 2. The HepG2 (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20℃, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-VPS24 antibody (TMAB-14131, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.
Application:	WB,IHC-P,IHC-Fr,IP,FCM,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-200; IHC-Fr: 1:100-200; IP: 1:20-50; FCM: 1:50-100; IF: 1:100-200

Properties

Stability & Storage:	Store at 2℃-8℃ for 1 month. Store at -20℃ or -80℃ for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human VPS24
Antigen Species:	Human
Gene ID:	51652
Uniprot ID:	Q9Y3E7

Research Background

Probable core component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids.

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