



# VPS11 Monoclonal Antibody

<b>Catalog No</b>	BYmab-07846
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	VPS11 RNF108 PP3476
<b>Protein Name</b>	Vacuolar protein sorting-associated protein 11 homolog (hVPS11) (RING finger protein 108)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	VPS11 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	103kD
<b>Cell Pathway</b>	Endosome . Late endosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Lysosome membrane ; Peripheral membrane protein ; Cytoplasmic side . Early endosome . Cytoplasmic vesicle . Cytoplasmic vesicle, autophagosome . Cytoplasmic vesicle, clathrin-coated vesicle .
<b>Tissue Specificity</b>	Ubiquitous. Expression was highest in heart and low in lung.
<b>Function</b>	function:May play a role in vesicle-mediated protein trafficking to lysosomal compartments and in membrane docking/fusion reactions of late endosomes/lysosomes.,similarity:Belongs to the VPS11 family.,similarity:Contains 1 clathrin repeat.,similarity:Contains 1 RING-type zinc finger.,subcellular location:Cytoplasmic, peripheral membrane protein associated with late endosomes/lysosomes.,subunit:Large hetero-oligomeric complex together with VPS16, VPS18 and VPS33A. Interacts with STX7.,tissue specificity:Ubiquitous. Expression was highest in heart and low in lung.,

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**Background**

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human homolog of yeast class C Vps11 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images