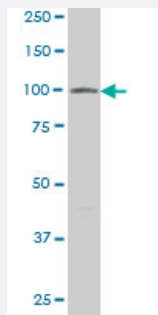


# VPS18 monoclonal antibody (M02A), clone 2G10

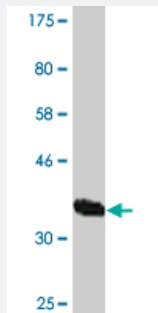
Catalog # H00057617-M02A      Size 200 uL

## Applications



### Western Blot (Cell lysate)

VPS18 monoclonal antibody (M02A), clone 2G10. Western Blot analysis of VPS18 expression in Raw 264.7.



Western Blot detection against Immunogen (36.52 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant VPS18.
<b>Immunogen</b>	VPS18 (NP_065908, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	SILDEYENSLRSASVLQPGCP SVGIP HSGYVNAQLEKEVP IFTKQRIDFTP SERITSLV VSSNQLCM SLGKDTLLRIDLGKANEPNHVELGRKDDAKV
<b>Host</b>	Mouse
<b>Reactivity</b>	Human, Mouse

<b>Interspecies Antigen Sequence</b>	Mouse (89); Rat (89)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
<b>Storage Buffer</b>	In ascites fluid
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

VPS18 monoclonal antibody (M02A), clone 2G10. Western Blot analysis of VPS18 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — VPS18

<b>Entrez GeneID</b>	<a href="#">57617</a>
<b>GeneBank Accession#</b>	<a href="#">NM_020857</a>
<b>Protein Accession#</b>	<a href="#">NP_065908</a>
<b>Gene Name</b>	VPS18
<b>Gene Alias</b>	KIAA1475, PEP3
<b>Gene Description</b>	vacuolar protein sorting 18 homolog (S. cerevisiae)
<b>Omim ID</b>	<a href="#">608551</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

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 Vps18 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. [provided by RefSeq]

**Other Designations**

vacuolar protein sorting 18|vacuolar protein sorting protein 18