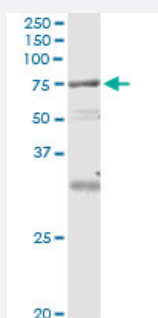


VPS18 monoclonal antibody (M04), clone 4E9

Catalog # H00057617-M04

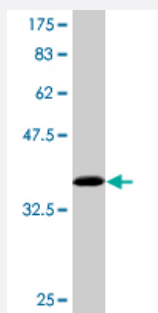
Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of VPS18 transfected lysate using anti-VPS18 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with VPS18 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

| | |
|----------------------------|--|
| Product Description | Mouse monoclonal antibody raised against a partial recombinant VPS18. |
| Immunogen | VPS18 (NP_065908, 3 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence | SILDEYENSLRSRAVLQPGCPSVGIPHSYVNAQLEKEVPIFTKQRIDFTPSEITSLVVSSNQLCM SLGKDTLLRIDLGKANEPNHVELGRKDDAKV |
| Host | Mouse |
| Reactivity | Human |

| | |
|-------------------------------|--|
| Interspecies Antigen Sequence | Mouse (89); Rat (89) |
| Isotype | IgG3 Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) . |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of VPS18 transfected lysate using anti-VPS18 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with VPS18 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — VPS18

| | |
|---------------------|---|
| Entrez GeneID | 57617 |
| GeneBank Accession# | NM_020857 |
| Protein Accession# | NP_065908 |
| Gene Name | VPS18 |
| Gene Alias | KIAA1475, PEP3 |
| Gene Description | vacuolar protein sorting 18 homolog (S. cerevisiae) |
| Omim ID | 608551 |
| Gene Ontology | Hyperlink |

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