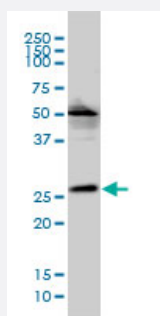


VPS25 monoclonal antibody (M01), clone 2E5-2B9

Catalog # H00084313-M01

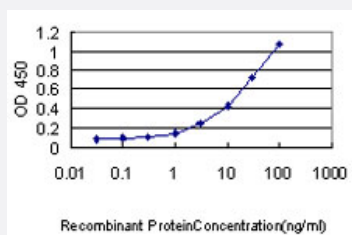
Size 100 ug

Applications



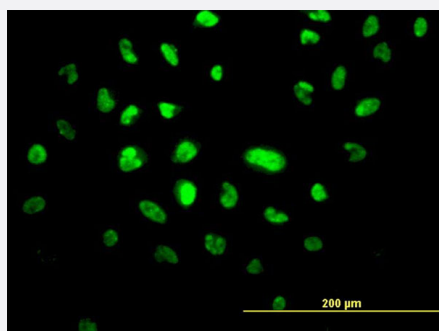
Western Blot (Cell lysate)

MGC10540 monoclonal antibody (M01), clone 2E5-2B9 Western Blot analysis of MGC10540 expression in HeLa S3 NE (Cat # L013V3).



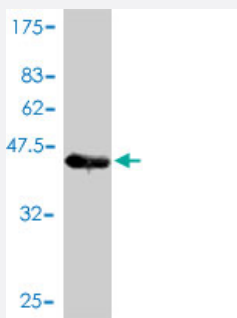
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VPS25 is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to VPS25 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (45.1 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant VPS25.
Immunogen	VPS25 (AAH06282, 1 a.a. ~ 176 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAMSEFWPWQYRFPFFFTLQPNVDTRQQLAAWCSLVLSFCRLHKQSSMTVMEAQESPLFNN VKLQRKLPVESIQMLEELRKKGNLEWLDKSKSSFLIMWRRPEEWGKLIYQWVSRSGQNNSVFTL YELTNGEDTEDEEFHGLDEATLLRALQALQQEHKAEIITVSDGRGVKFF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (98)
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.1 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 (Cell lysate)

MGC10540 monoclonal antibody (M01), clone 2E5-2B9 Western Blot analysis of MGC10540 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged VPS25 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to VPS25 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — VPS25

Entrez GeneID [84313](#)

GeneBank Accession# [BC006282](#)

Protein Accession# [AAH06282](#)

Gene Name VPS25

Gene Alias DERP9, EAP20, FAP20, MGC10540

Gene Description vacuolar protein sorting 25 homolog (S. cerevisiae)

Omim ID [610907](#)

Gene Ontology [Hyperlink](#)

Gene Summary VPS25, VPS36 (MIM 610903), and SNF8 (MIM 610904) form ESCRT-II (endosomal sorting complex required for transport II), a complex involved in endocytosis of ubiquitinated membrane proteins. VPS25, VPS36, and SNF8 are also associated in a multiprotein complex with RNA polymerase II elongation factor (ELL; MIM 600284) (Slagsvold et al., 2005 [PubMed 15755741]; Kamura et al., 2001 [PubMed 11278625]).[supplied by OMIM]

Other Designations vacuolar protein sorting 25

Pathway

- [Endocytosis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)