

EXOC7 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant EXOC7.****Catalog # AT1965a****Specification**

EXOC7 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC, E
Primary Accession	Q9UPT5
Other Accession	NM_001013839
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	83382

EXOC7 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 23265**Other Names**

Exocyst complex component 7, Exocyst complex component Exo70, EXOC7, EXO70, KIAA1067

Target/Specificity

EXOC7 (NP_001013861, 586 a.a. ~ 684 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

EXOC7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

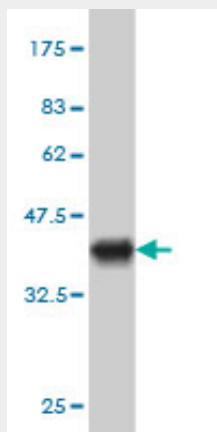
EXOC7 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

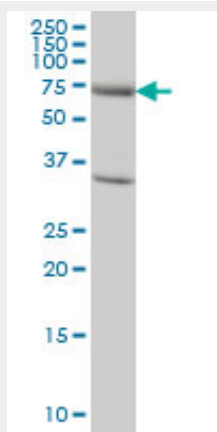
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

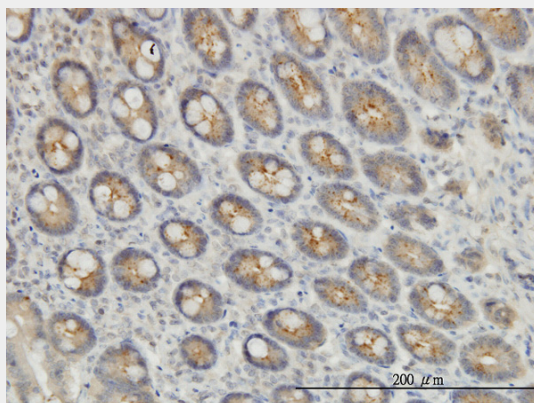
EXOC7 Antibody (monoclonal) (M01) - Images



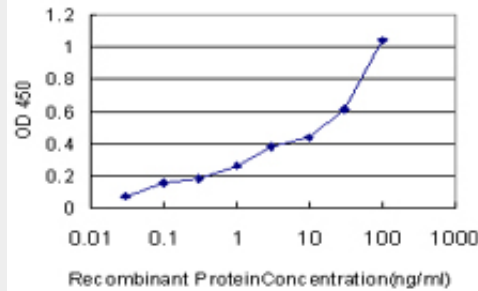
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .



EXOC7 monoclonal antibody (M01), clone 1D4 Western Blot analysis of EXOC7 expression in HeLa (Cat # AT1965a)



Immunoperoxidase of monoclonal antibody to EXOC7 on formalin-fixed paraffin-embedded human small intestine. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged EXOC7 is approximately 1ng/ml as a capture antibody.

EXOC7 Antibody (monoclonal) (M01) - Background

EXOC7 is a component of the exocyst, which is an evolutionarily conserved octameric protein complex essential for exocytosis. The exocyst targets secretory vesicles at specific domains of the plasma membrane for cell surface expansion and protein secretion (Zuo et al., 2006 [PubMed 17086175]).

EXOC7 Antibody (monoclonal) (M01) - References

Novel interaction partners of Bardet-Biedl syndrome proteins. Oeffner F, et al. Cell Motil Cytoskeleton, 2008 Feb. PMID 18000879. Exo70 interacts with the Arp2/3 complex and regulates cell migration. Zuo X, et al. Nat Cell Biol, 2006 Dec. PMID 17086175. A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.