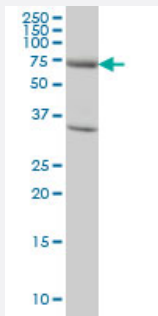


EXOC7 monoclonal antibody (M01), clone 1D4

Catalog # H00023265-M01

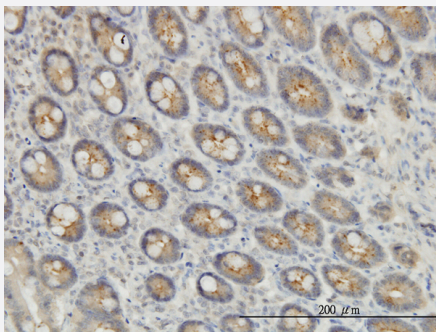
Size 100 ug

Applications



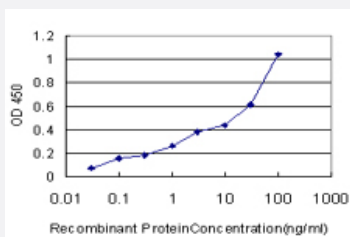
Western Blot (Cell lysate)

EXOC7 monoclonal antibody (M01), clone 1D4 Western Blot analysis of EXOC7 expression in HeLa (Cat # L013V1).



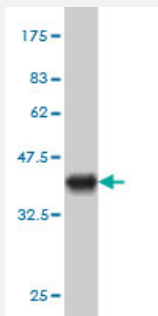
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EXOC7.
Immunogen	EXOC7 (NP_001013861, 586 a.a. ~ 684 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VFQPGVKLRDKERQIIKERFKGFNDGLEELCKIQKAWAIPDTEQRDRIRQAQKTVKETYGAFLQKF GSVPFTKNPEKYKYGVEQVGDMDRLFD TSA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 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)

EXOC7 monoclonal antibody (M01), clone 1D4 Western Blot analysis of EXOC7 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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

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- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — EXOC7

Entrez GeneID [23265](#)

GeneBank Accession# [NM_001013839](#)

Protein Accession# [NP_001013861](#)

Gene Name EXOC7

Gene Alias 2-5-3p, DKFZp686J04253, EX070, EXO70, EXOC1, Exo70p, FLJ40965, FLJ46415, YJL085W

Gene Description exocyst complex component 7

Omim ID [608163](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]).[supplied by OMIM]

Other Designations -

Publication Reference

- [EXO70 protein influences dengue virus secretion.](#)

Zhaoni Chen, Xing Lin, Zhiwei Zhang, Jianchun Huang, Shujie Fu, Renbin Huang.

Microbes and Infection 2011 Feb; 13(2):143.

Application: WB-Tr, Human, HepG2 cells

Pathway

- [Insulin signaling pathway](#)