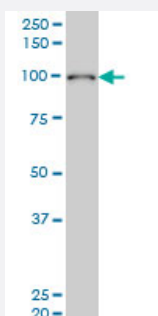


EXOC4 monoclonal antibody (M06), clone 4F1

Catalog # H00060412-M06

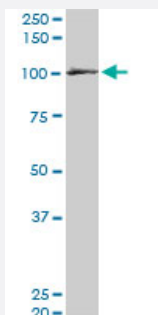
Size 100 ug

Applications



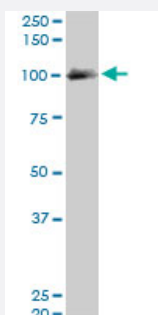
Western Blot (Cell lysate)

EXOC4 monoclonal antibody (M06), clone 4F1 Western Blot analysis of EXOC4 expression in HeLa S3 NE (Cat # L013V3).



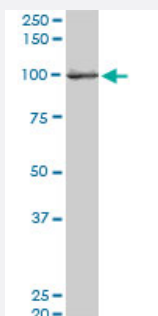
Western Blot (Cell lysate)

EXOC4 monoclonal antibody (M06), clone 4F1. Western Blot analysis of EXOC4 expression in NIH/3T3(Cat # L018V1).



Western Blot (Cell lysate)

EXOC4 monoclonal antibody (M06), clone 4F1. Western Blot analysis of EXOC4 expression in PC-12(Cat # L012V1).

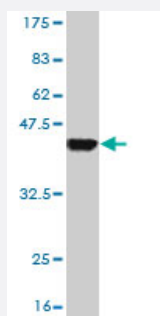
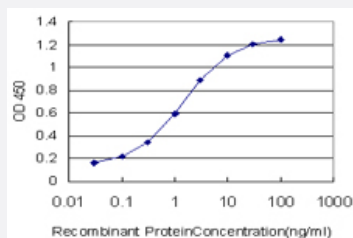


Western Blot (Cell lysate)

EXOC4 monoclonal antibody (M06), clone 4F1. Western Blot analysis of EXOC4 expression in Raw 264.7(Cat # L024V1).

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EXOC4 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EXOC4.
Immunogen	EXOC4 (NP_068579, 1 a.a. ~ 109 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAEAAGGKYRSTVSKSKDPSGLLISVIRLTSTDDVEDRENEKGRLEEAYEKCDRDLDELIVQH YTELTTAIRTYQSITERITNSRNKIKQVKENLLSCKMLLHCKRD
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (95); Rat (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 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)

EXOC4 monoclonal antibody (M06), clone 4F1 Western Blot analysis of EXOC4 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

EXOC4 monoclonal antibody (M06), clone 4F1. Western Blot analysis of EXOC4 expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

EXOC4 monoclonal antibody (M06), clone 4F1. Western Blot analysis of EXOC4 expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

EXOC4 monoclonal antibody (M06), clone 4F1. Western Blot analysis of EXOC4 expression in Raw 264.7(Cat # L024V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged EXOC4 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — EXOC4

Entrez GeneID	60412
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GeneBank Accession#	NM_021807
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Protein Accession#	NP_068579
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Gene Name	EXOC4
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Gene Alias	MGC27170, REC8, SEC8, SEC8L1, Sec8p
Gene Description	exocyst complex component 4
Omim ID	608185
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Other Designations	SEC8 protein SEC8-like 1

Publication Reference

- [Exocyst subunits are involved in isoproterenol-induced amylase release from rat parotid acinar cells.](#)

Imai A, Yoshie S, Haga-Tsujimura M, Nashida T, Shimomura H.

European Journal of Oral Sciences 2012 Apr; 120(2):123.

Application: IF, IP, WB-Ce, WB-Ti, Rat, Brains, Kidneys, Parotid glands, Rat parotid acinar cells

Pathway

- [Tight junction](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Arthritis](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Metabolic Syndrome X](#)

- [Obesity](#)