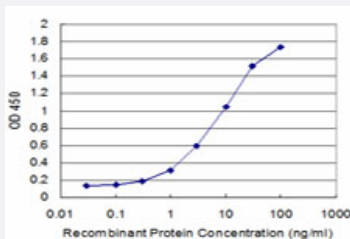


COPB monoclonal antibody (M08), clone 3E10

Catalog # H00001315-M08

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COPB is approximately 0.3ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant COPB.
Immunogen	COPB (NP_057535, 854 a.a. ~ 953 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TVNTNMVDLNDYLQHILKSTNMKCLTPEKALSGYCGFMAANLYARSIFGEDALANVSIEKPIHQGP DAAVTGHIRIRAKSQGMALSLGDKINLSQKKTSI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (96)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COPB is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — COPB1

Entrez GeneID	1315
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GeneBank Accession#	NM_016451
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Protein Accession#	NP_057535
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Gene Name	COPB1
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Gene Alias	COPB, DKFZp761K102, FLJ10341
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Gene Description	coatomer protein complex, subunit beta 1
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Omim ID	600959
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Gene Ontology	Hyperlink
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Gene Summary	This gene encodes a protein subunit of the coatomer complex associated with non-clathrin coated vesicles. The coatomer complex, also known as the coat protein complex 1, forms in the cytoplasm and is recruited to the Golgi by activated guanosine triphosphatases. Once at the Golgi membrane, the coatomer complex may assist in the movement of protein and lipid components back to the endoplasmic reticulum. Alternatively spliced transcript variants have been described. [provided by RefSeq]
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Other Designations	beta coat protein coatomer protein complex, subunit beta
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