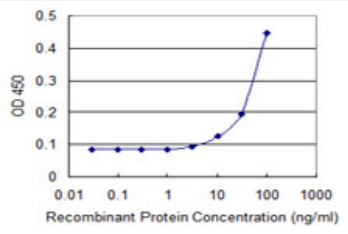
COG4 monoclonal antibody (M04), clone 3B8

Catalog # H00025839-M04 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged COG4 is 3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant COG4.
Immunogen	COG4 (NP_056201, 686 a.a. ~ 785 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ELEKVVLKSTFNRLGGLQFDKELRSLIAYLTTVTTWTIRDKFARLSQMATILNLERVTEILDYWGPNSGPLTWRLTPAEVRQVLALRIDFRSEDIKRLRL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG2a 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

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  Protocol Download

- ELISA

Gene Info — COG4

Entrez GeneID	25839
GeneBank Accession#	NM_015386
Protein Accession#	NP_056201
Gene Name	COG4
Gene Alias	COD1, DKFZp586E1519
Gene Description	component of oligomeric golgi complex 4
Omim ID	606976
Gene Ontology	Hyperlink
Gene Summary	Multiprotein complexes are key determinants of Golgi apparatus structure and its capacity for intr acellular transport and glycoprotein modification. Several complexes have been identified, includi ng the Golgi transport complex (GTC), the LDLC complex, which is involved in glycosylation reacti ons, and the SEC34 complex, which is involved in vesicular transport. These 3 complexes are ide ntical and have been termed the conserved oligomeric Golgi (COG) complex, which includes CO G4 (Ungar et al., 2002 [PubMed 11980916]).[supplied by OMIM
Other Designations	complexed with Dor1p|conserved oligomeric Golgi complex protein 4

Disease

- Disease Progression
- Disease Susceptibility
- HIV Infections