COG7 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	COG7, Monoclonal Antibody
Full Product Name	COG7 (Conserved Oligomeric Golgi Complex Component 7, COG Complex Subunit 7, Component of Oligomeric Golgi Complex 7, CDG2E, UNQ3082
Product Gene Name	anti-COG7 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3G4-1B3
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human COG7.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length recombinant corresponding to aa1-771 from human COG7 (AAH37563) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MDFSKFLADDFDVKEWINAAFRAGSKEAASGKADGHAATLVMKLQLFIQEANHAVEETSHQALQNMPKVLRDVEALKQEASFLKEQMILVKEDIKKFEQD
Conjugate	MaxLight405
Product Categories/Family for anti-COG7 antibody	Antibodies; Golgi Proteins
Applications Tested/Suitable for anti-COG7 antibody	FLISA, Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-COG7 antibody	IF: 10ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-COG7 antibody	MBS6189541 is an antibody targeting COG7. Also known as COG7 (Conserved Oligomeric Golgi Complex Component 7, COG Complex Subunit 7, Co
Other Notes	Small volumes of anti-COG7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for COG7. It may not necessarily be applicable to this product.

NCBI GI #	22902179
NCBI GeneID	91949
NCBI Accession #	BC037563
NCBI Related Accession #	AAH37563
UniProt Related Accession #	P83436
NCBI Official Full Name	Homo sapiens component of oligomeric golgi complex 7, mRNA
NCBI Official Synonym Full Names	component of oligomeric golgi complex 7
NCBI Official Symbol	COG7
NCBI Official Synonym Symbols	CDG2E
Protein Family	Conserved oligomeric Golgi complex
NCBI Protein Information	conserved oligomeric Golgi complex subunit 7
NCBI Summary for COG7	The protein encoded by this gene resides in the golgi, and constitutes one of the 8 subunits of the conserved oligomeric Golgi (COG) complex, which is required for normal golgi morphology and localization. Mutations in this gene are associated with the congenital disorder of glycosylation type IIe.[provided by RefSeq, May 2010]
Research Articles on COG7	**1.** TMEM-COG4, COG7 and COG8 subunits restore endogenous COG localization to the Golgi membranes
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