CYB561D1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CYB561D1, Polyclonal Antibody
Full Product Name	CYB561D1, CT (CYB561D1, Cytochrome b561 domain-containing protein 1) (MaxLight 650)
Product Gene Name	anti-CYB561D1 antibody
Product Synonym Names	CYB561D1; Cytochrome b561 domain-containing protein 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight650.
Purity/Purification	Purified by Protein A Affinity Chromatography.
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 amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
3D Structure	ModBase 3D Structure for Q8N8Q1
Immunogen	CYB561D1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 200-229 amino acids from the C-terminal region of human CYB561D1.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-CYB561D1 antibody	Antibodies; Enzymes; Cytochrome
Applications Tested/Suitable for anti-CYB561D1 antibody	Flow Cytometry (FC/FACS), FLISA, Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-CYB561D1 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 IHC: 1:50-100 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-CYB561D1 antibody	MaxLight650 is a new Far-IR stable dye conjugate comparable to Alexa Fluor647, DyLight649, Cy5 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (655nm); Emission (676nm); Extinction Coefficient 250,000.
Product References and Citations for anti-CYB561D1 antibody	Kottgen, A., et al. Nat. Genet. 42(5):376-384(2010). Shi, J., et al. Mol. Psychiatry (2010).
Other Notes	Small volumes of anti-CYB561D1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CYB561D1 purchase	MBS6290295 is an antibody targeting CYB561D1. Also known as CYB561D1, CT (CYB561D1, Cytochrome b561 domain-containing protein 1) (MaxLight 650). Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CYB561D1. It may not necessarily be applicable to this product.

NCBI GI #	197304731
NCBI GeneID	284613
NCBI Accession #	NP_001127875.1
UniProt Primary Accession #	Q8N8Q1
UniProt Related Accession #	Q8N8Q1
GenBank Nucleotide #	NP_001127875.1
NCBI Official Full Name	cytochrome b561 domain-containing protein 1 isoform 4
NCBI Official Synonym Full Names	cytochrome b561 family member D1
NCBI Official Symbol	CYB561D1
UniProt Protein Name	Cytochrome b561 domain-containing protein 1
Protein Family	Cytochrome b561 domain-containing protein
UniProt Gene Name	CYB561D1
UniProt Entry Name	C56D1_HUMAN
NCBI Protein Information	cytochrome b561 domain-containing protein 1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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