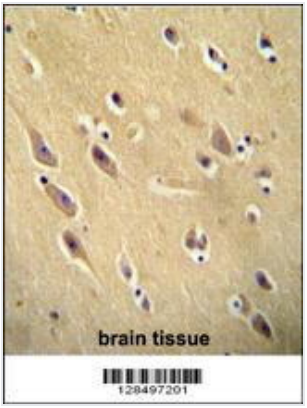
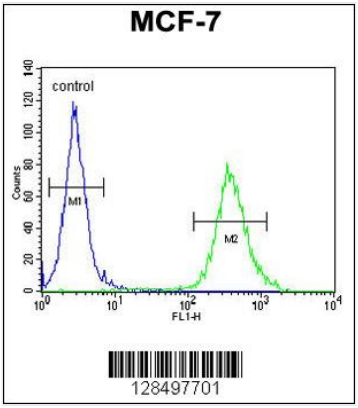
CYB561D1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

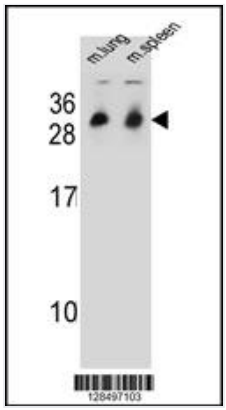
Product Name	CYB561D1, Polyclonal Antibody
Full Product Name	CYB561D1, CT (CYB561D1, Cytochrome b561 domain-containing protein 1) (FITC)
Product Gene Name	anti-CYB561D1 antibody
Product Synonym Names	CYB561D1; Cytochrome b561 domain-containing protein 1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and 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	FITC
Note	Preservative Free
Special Handling	Light sensitive
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	MBS6290290 is an antibody targeting CYB561D1. Also known as CYB561D1, CT (CYB561D1, Cytochrome b561 domain-containing protein 1) (FITC). Reactive in Human, Mouse. Host: Rabbit.
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.



Immunohistochemistry (IHC) of anti-CYB561D1 antibody
CYB561D1 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CYB561D1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Flow Cytometry (FC/FACS) of anti-CYB561D1 antibody
CYB561D1 Antibody (C-term) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blot (WB) of anti-CYB561D1 antibody
CYB561D1 Antibody (C-term) western blot analysis in mouse lung,spleen tissue lysates (35ug/lane).This demonstrates the CYB561D1 antibody detected the CYB561D1 protein (arrow).

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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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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