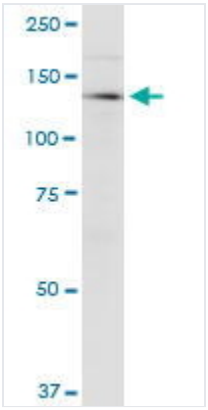
CDAN1 Antibody – Mouse Monoclonal

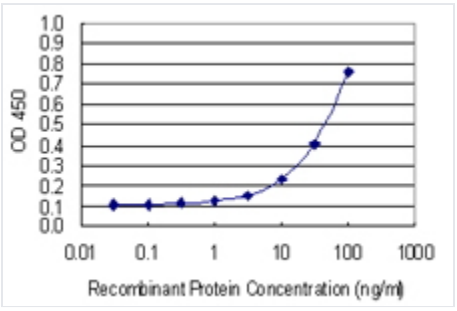
PRODUCT OVERVIEW

Product Name	CDAN1, Monoclonal Antibody
Full Product Name	CDAN1 (Congenital dyserythropoietic Anemia, Type I, CDA-I, CDA1, CDAI, DLT, PRO1295, codanin) (PE)
Product Gene Name	anti-CDAN1 antibody
Product Synonym Names	Congenital dyserythropoietic Anemia; Type I; CDA-I; CDA1; CDAI; DLT; PRO1295; codanin
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	7A10
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified
Specificity	Recognizes CDAN1.
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: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	134,120 Da
Chromosome Location	Chromosome: 15; NC_000015.9 (43015760..43029417, complement). Location: 15q15.2
OMIM	224120
3D Structure	ModBase 3D Structure for Q8IWY9
Immunogen	CDAN1 (NP_612486.2, 1130aa-1227aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PLQLLLSPRNVGLLADTRPREWDLLLFLLRELVEKGLMGRMEIEACLGSLHQAQWPGDFAEELATLSNLFLAEPHLPEPQLRACELVQPNRGTVLAQS
Conjugate	PE
Product Categories/Family for anti-CDAN1 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-CDAN1 antibody	Western Blot (WB)
Application Notes for anti-CDAN1 antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-CDAN1 antibody	This gene encodes a protein that appears to play a role in nuclear envelope integrity, possibly related to microtubule attachments. Mutations in this gene cause congenital dyserythropoietic anemia type I, a disease resulting in morphological and functional abnormalities of erythropoiesis. [provided by RefSeq]
Other Notes	Small volumes of anti-CDAN1 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 CDAN1 purchase	MBS6187770 is an antibody targeting CDAN1. Also known as CDAN1 (Congenital dyserythropoietic Anemia, Type I, CDA-I, CDA1, CDAI, DLT, PRO1295, codanin) (PE). Host: Mouse.



Western Blot (WB) of anti-CDAN1 antibody
CDAN1 monoclonal antibody (M01), clone 7A10. Western Blot analysis of CDAN1 expression in K-562.



Testing Data of anti-CDAN1 antibody
Detection limit for recombinant GST tagged CDAN1 is 1 ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDAN1. It may not necessarily be applicable to this product.

NCBI GI #	57222570
NCBI GeneID	146059
NCBI Accession #	NP_612486.2
UniProt Primary Accession #	Q8IWY9
UniProt Secondary Accession #	Q6NYD0; Q7Z7L5; Q969N3
UniProt Related Accession #	Q8IWY9
GenBank Nucleotide #	NM_138477.2
NCBI Official Full Name	codanin-1
NCBI Official Synonym Full Names	codanin 1
NCBI Official Symbol	CDAN1
NCBI Official Synonym Symbols	DLT; CDA1; CDAI; PRO1295
UniProt Protein Name	Codanin-1
Protein Family	Codanin
UniProt Gene Name	CDAN1
UniProt Entry Name	CDAN1_HUMAN
NCBI Protein Information	codanin-1; discs lost homolog; congenital dyserythropoietic anemia, type I

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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