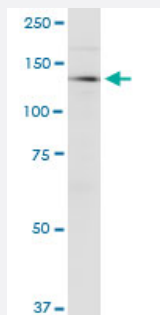


CDAN1 monoclonal antibody (M01), clone 7A10

Catalog # H00146059-M01

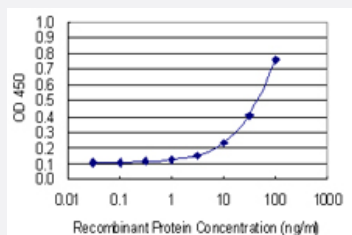
Size 100 ug

Applications



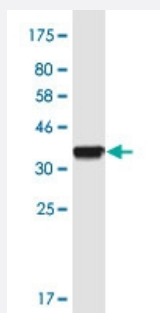
Western Blot (Cell lysate)

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



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDAN1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.52 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CDAN1.

Immunogen	CDAN1 (NP_612486.2, 1130 a.a. ~ 1227 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PLQLLLSPRNVGLLADTRPREWDLLLFLRELVEKGLMGRMEIEACLGSLHQAQWPGDFAEELA TLSNLFLAEPHLPEPQLRACELVQPNRGTVLAQS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CDAN1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CDAN1

Entrez GeneID	146059
GeneBank Accession#	NM_138477
Protein Accession#	NP_612486.2

Gene Name	CDAN1
Gene Alias	CDA-I, CDA1, CDAI, DLT, PRO1295, codanin
Gene Description	congenital dyserythropoietic anemia, type I
Omim ID	224120 607465
Gene Ontology	Hyperlink
Gene Summary	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 Designations	codanin 1

Publication Reference

- [A complex comprising C15ORF41 and Codanin-1- the products of two genes mutated in congenital dyserythropoietic anemia type I \(CDA-I\).](#)

Shroff M, Knebel A, Toth R, Rouse J.

The Biochemical Journal 2020 May; 477(10):1893.

Application: IP, WB, Human, HEK 293 cell