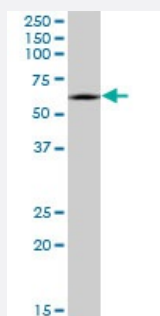


CRMP1 monoclonal antibody (M50), clone 2B6

Catalog # H00001400-M50

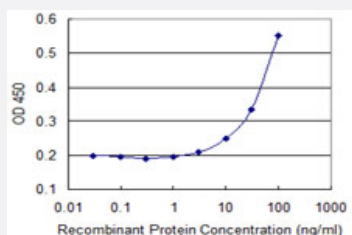
Size 100 ug

Applications



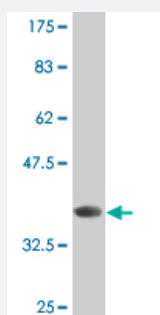
Western Blot (Cell lysate)

CRMP1 monoclonal antibody (M50), clone 2B6. Western Blot analysis of CRMP1 expression in IMR-32 (Cat # L008V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CRMP1 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CRMP1.

Immunogen	CRMP1 (NP_001014809.1, 221 a.a. ~ 310 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HVVPEPGSSLLTSFEKWHEAADTKSCCDYSLHVDITSWYDGVREELEVLVQDKGVNSFQVYMAY KDVYQMSDSQLYEAFTLKGLGAVIL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 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)

CRMP1 monoclonal antibody (M50), clone 2B6. Western Blot analysis of CRMP1 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CRMP1 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CRMP1

Entrez GeneID [1400](#)

GeneBank Accession#	NM_001014809
Protein Accession#	NP_001014809.1
Gene Name	CRMP1
Gene Alias	DPYSL1, DRP-1, DRP1
Gene Description	collapsin response mediator protein 1
Omim ID	602462
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of a family of cytosolic phosphoproteins expressed exclusively in the nervous system. The encoded protein is thought to be a part of the semaphorin signal transduction pathway implicated in semaphorin-induced growth cone collapse during neural development. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	dihydropyrimidinase related protein-1 dihydropyrimidinase-like 1

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)