

CHML Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant CHML.

Catalog # AT1520a

Specification

CHML Antibody (monoclonal) (M03) - Product Information

Application	WB, E
Primary Accession	P26374
Other Accession	NM_001821
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	74071

CHML Antibody (monoclonal) (M03) - Additional Information

Gene ID 1122

Other Names

Rab proteins geranylgeranyltransferase component A 2, Choroideremia-like protein, Rab escort protein 2, REP-2, CHML, REP2

Target/Specificity

CHML (NP_001812, 68 a.a. ~ 177 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB ~ 1:500 ~ 1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

CHML Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

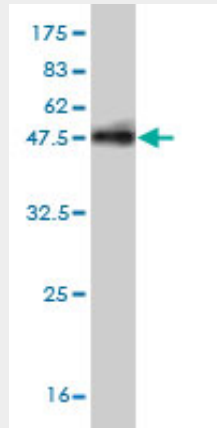
CHML Antibody (monoclonal) (M03) - Protocols

Provided below are standard protocols that you may find useful for product applications.

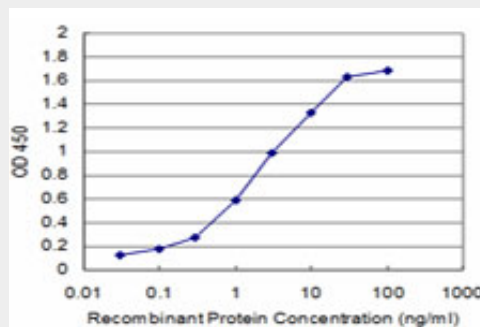
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHML Antibody (monoclonal) (M03) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged CHML is approximately 0.1ng/ml as a capture antibody.

CHML Antibody (monoclonal) (M03) - Background

The product of the CHML gene supports geranylgeranylation of most Rab proteins and may substitute for REP-1 in tissues other than retina. CHML is localized close to the gene for Usher syndrome type II.

CHML Antibody (monoclonal) (M03) - References

Follow-up examination of linkage and association to chromosome 1q43 in multiple sclerosis. McCauley JL, et al. *Genes Immun*, 2009 Oct. PMID 19626040. Identification of a novel asthma susceptibility gene on chromosome 1qter and its functional evaluation. White JH, et al. *Hum Mol Genet*, 2008 Jul 1. PMID 18344558. Identification of intrahepatic cholangiocarcinoma related genes by comparison with normal liver tissues using expressed sequence tags. Wang AG, et al. *Biochem Biophys Res Commun*, 2006 Jul 7. PMID 16712791. The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. *Nature*, 2006 May 18. PMID 16710414. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. *Genome Res*, 2006 Jan. PMID 16344560.