

CTBS Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant CTBS.

Catalog # AT1666a

Specification

CTBS Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	Q01459
Other Accession	BC024007
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	43760

CTBS Antibody (monoclonal) (M01) - Additional Information**Gene ID** 1486**Other Names**

Di-N-acetylchitobiase, 321-, CTBS, CTB

Target/Specificity

CTBS (AAH24007.2, 37 a.a. ~ 105 a.a) full-length 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

CTBS Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

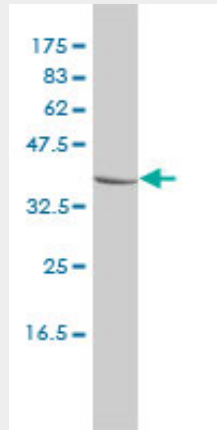
CTBS Antibody (monoclonal) (M01) - Protocols

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

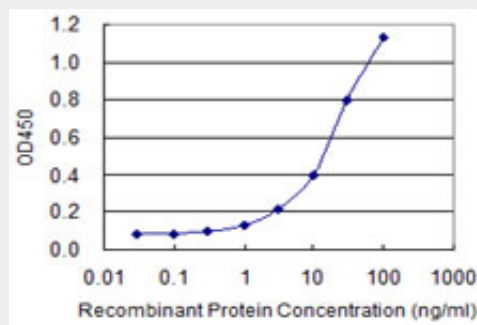
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

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

CTBS Antibody (monoclonal) (M01) - Images



CTBS monoclonal antibody (M01), clone 1B5-1B9 Western Blot analysis of CTBS expression in MCF-7 (Cat # L046V1).



Detection limit for recombinant GST tagged CTBS is 0.3 ng/ml as a capture antibody.

CTBS Antibody (monoclonal) (M01) - References

Optimum substrate size and specific anomer requirements for the reducing-end glycoside hydrolase di-N-acetylchitobiase. Aronson NN, et al. *Biosci Biotechnol Biochem*, 2006 Jun. PMID 16794344. A novel dynamin-associated molecule, formin-binding protein 17, induces tubular membrane invaginations and participates in endocytosis. Kamioka Y, et al. *J Biol Chem*, 2004 Sep 17. PMID 15252009. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. *Proc Natl Acad Sci U S A*, 2002 Dec 24. PMID 12477932. N-acetyl beta-D-glucosaminidase is not attached to human sperm membranes through the glycosylphosphatidyl inositol (GPI)-anchor. Hutchinson T, et al. *Asian J Androl*, 2002 Mar. PMID 11907625. Structure of the human gene for lysosomal di-N-acetylchitobiase. Liu B, et al. *Glycobiology*, 1999 Jun. PMID 10336991.