

ABTB1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant ABTB1.****Catalog # AT1015a****Specification**

ABTB1 Antibody (monoclonal) (M01) - Product Information

Application	E
Primary Accession	O969K4
Other Accession	NM_172027
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	53979

ABTB1 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 80325**Other Names**

Ankyrin repeat and BTB/POZ domain-containing protein 1, Elongation factor 1A-binding protein, ABTB1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=18275)
target="_blank">HGNC:18275)

Target/Specificity

ABTB1 (NP_742024, 271 a.a. ~ 370 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

E~~N/A

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

ABTB1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

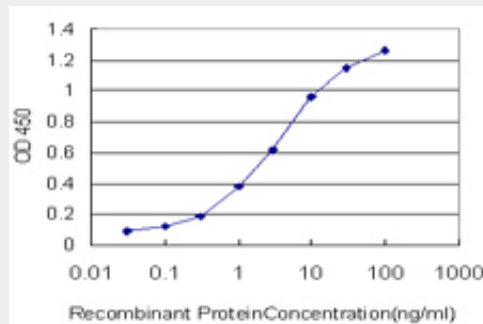
ABTB1 Antibody (monoclonal) (M01) - Protocols

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](#)

ABTB1 Antibody (monoclonal) (M01) - Images



Detection limit for recombinant GST tagged ABTB1 is approximately 0.03ng/ml as a capture antibody.

ABTB1 Antibody (monoclonal) (M01) - Background

This gene encodes a protein with an ankyrin repeat region and two BTB/POZ domains, which are thought to be involved in protein-protein interactions. Expression of this gene is activated by the phosphatase and tensin homolog, a tumor suppressor. Alternate splicing results in three transcript variants.

ABTB1 Antibody (monoclonal) (M01) - References

BPOZ-2 directly binds to eEF1A1 to promote eEF1A1 ubiquitylation and degradation and prevent translation. Koiwai K, et al. *Genes Cells*, 2008 Jun. PMID 18459963. Bood POZ containing gene type 2 is a human counterpart of yeast Btb3p and promotes the degradation of terminal deoxynucleotidyltransferase. Maezawa S, et al. *Genes Cells*, 2008 May. PMID 18429817. Large-scale cDNA transfection screening for genes related to cancer development and progression. Wan D, et al. *Proc Natl Acad Sci U S A*, 2004 Nov 2. PMID 15498874. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. *Genome Res*, 2004 Oct. PMID 15489334. Functional proteomics mapping of a human signaling pathway. Colland F, et al. *Genome Res*, 2004 Jul. PMID 15231748.