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AP4B1 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant AP4B1.
Catalog # AT1156a

Specification

AP4B1 Antibody (monoclonal) (M03) - Product Information

Application	**E**
Primary Accession	Q9Y6B7
Other Accession	NM_006594
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**83260**

AP4B1 Antibody (monoclonal) (M03) - Additional Information

Gene ID 10717

Other Names
AP-4 complex subunit beta-1, AP-4 adaptor complex subunit beta, Adaptor-related protein complex 4 subunit beta-1, Beta subunit of AP-4, Beta4-adaptin, AP4B1

Target/Specificity
AP4B1 (NP_006585, 640 a.a. ~ 739 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

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
AP4B1 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

AP4B1 Antibody (monoclonal) (M03) - Protocols

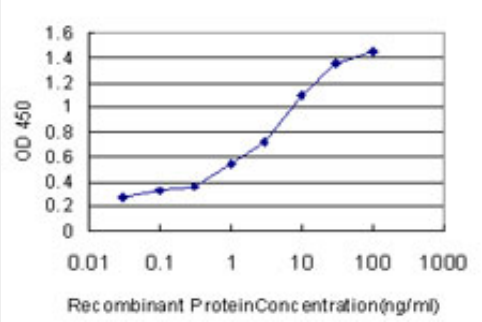
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

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- Flow Cytomety
- Cell Culture

AP4B1 Antibody (monoclonal) (M03) - Images



Detection limit for recombinant GST tagged AP4B1 is approximately 0.1ng/ml as a capture antibody.

AP4B1 Antibody (monoclonal) (M03) - Background

The heterotetrameric adaptor protein (AP) complexes sort integral membrane proteins at various stages of the endocytic and secretory pathways. AP4 is composed of 2 large chains, beta-4 (AP4B1) and epsilon-4 (AP4E1; MIM 607244), a medium chain, mu-4 (AP4M1; MIM 602296), and a small chain, sigma-4 (AP4S1; MIM 607243).

AP4B1 Antibody (monoclonal) (M03) - References

Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931.The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414.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.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.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.