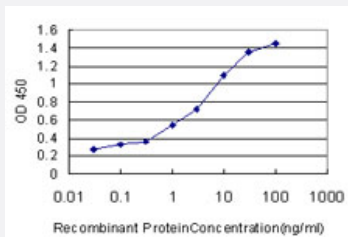


AP4B1 monoclonal antibody (M03), clone 1B2

Catalog # H00010717-M03

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant AP4B1.
Immunogen	AP4B1 (NP_006585, 640 a.a. ~ 739 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VAHQQVLPWRGEFHPDTLQMALQVVNIQTAMSRAGSRPWKAYLSAQDDTGCLFLETLLLEPGN SEMQISVKQNEARTETLNSFISVLETVIGTIEEIKS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — AP4B1

Entrez GeneID [10717](#)

GeneBank Accession# [NM_006594](#)

Protein Accession# [NP_006585](#)

Gene Name AP4B1

Gene Alias BETA-4

Gene Description adaptor-related protein complex 4, beta 1 subunit

Omim ID [607245](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 (AP4 B1) and epsilon-4 (AP4E1; MIM 607244), a medium chain, mu-4 (AP4M1; MIM 602296), and a small chain, sigma-4 (AP4S1; MIM 607243).[supplied by OMIM]

Other Designations OTTHUMP00000013725|OTTHUMP00000013730|beta 4 subunit of AP-4

Pathway

- [Lysosome](#)

Disease

- [Kidney Failure](#)