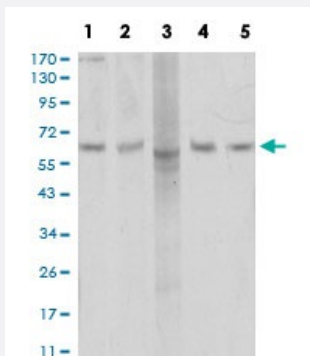


AP2M1 monoclonal antibody, clone 4F1B2

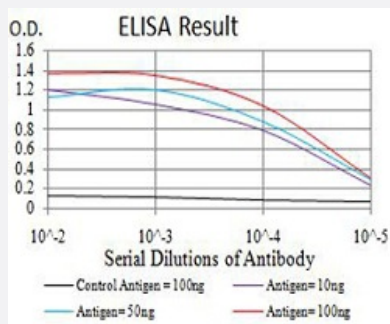
Catalog # MAB17535 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of (1) COS7 cell, (2) SK-Br-3 cell, (3) MCF-7 cell, (4) T47D cell, (5) HEK293 cell with AP2M1 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of AP2M1 monoclonal antibody, clone 4F1B2.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human AP2M1.
Immunogen	Recombinant protein corresponding to amino acid 298-435 of human AP2M1 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	49.7
Reactivity	Human, Monkey
Form	Liquid

Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:300-1:800) Immunocytochemistry Flow Cytometry Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of (1) COS7 cell, (2) SK-Br-3 cell, (3) MCF-7 cell, (4) T47D cell, (5) HEK293 cell with AP2M1 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of AP2M1 monoclonal antibody, clone 4F1B2.

Gene Info — AP2M1

Entrez GeneID	1173
Gene Name	AP2M1
Gene Alias	AP50, CLAPM1, mu2
Gene Description	adaptor-related protein complex 2, mu 1 subunit
Omim ID	601024
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

AP-2 mu 2 chain|HA2 50 kDA subunit|clathrin adaptor complex AP2, mu subunit|clathrin assembly protein complex 2 medium chain|clathrin coat adaptor protein AP50|clathrin-associated/assembly /adaptor protein, medium 1|plasma membrane adaptor AP-2 50kDA prote

Pathway

- [Endocytosis](#)

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Kidney Failure](#)