AP1M1 Recombinant antibody

Catalog Number:83613-6-RR

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Basic Information

Catalog Number: 83613-6-RR	**GenBank Accession Number:** BC017469	**Purification Method:** Protein A purfication
Size: 1000 ug/ml	**GeneID (NCBI):** 8907	**CloneNo.:** 240553H3
Source: Rabbit	**UNIPROT ID:** Q9BXS5	**Recommended Dilutions:** WB 1:5000-1:50000
Isotype: IgG	**Full Name:** adaptor-related protein complex 1, mu 1 subunit	
Immunogen Catalog Number: AG2757	**Calculated MW:** 423 aa, 49 kDa	
	Observed MW: 49 kDa	

Applications

Tested Applications:
WB, FC (Intra), ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HepG2 cells, mouse testis tissue, PC-3 cells, K-562 cells, Jurkat cells, rat testis tissue

Background Information

AP1M1, also named as CLTNM, Mu-adaptin 1 and Clathrin coat assembly protein AP47, belongs to the adaptor complexes medium subunit family. It is a subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the trans-Golgi network (TGN) and endosomes. The AP complexes mediate the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

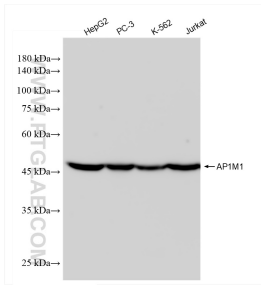For technical support and original validation data for this product please contact:
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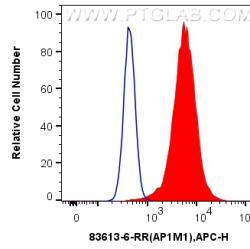
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Various lysates were subjected to SDS PAGE followed by western blot with 83613-6-RR (AP1M1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.

1x10^6 HeLa cells were intracellularly stained with 0.25 ug AP1M1 Recombinant antibody (83613-6-RR, Clone:240553H3) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).
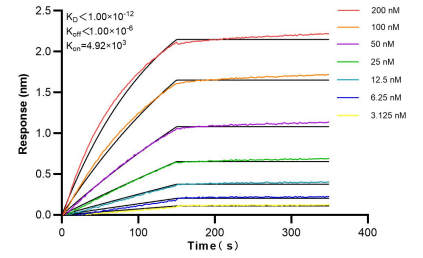
Biolayer interferometry (BLI) kinetic assays of 83613-6-RR against Human AP1M1 were performed. The affinity constant is below 1 pM.