
Alpha-Adaptin Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251812

Unit: 0.1 mg

Description:

?-Adaptin is a component of the adaptor protein complex 2 (AP-2). Adaptor protein complexes are vesicle coat components and appear to be involved in cargo selection and vesicle formation. ?-Adaptin is involved in clathrin-dependent endocytosis in which cargo proteins are incorporated into vesicles surrounded by clathrin (clathrin-coated vesicles, CCVs) which are destined for fusion with the early endosome. Clathrin-associated adaptor protein (AP) complexes which can bind directly to both the clathrin lattice and to the lipid and protein components of membranes are considered to be the major clathrin adaptors contributing the CCV formation.

Isotype: Mouse IgG2a

Applications: E, WB

Species Reactivity: H, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: AP-2 complex subunit alpha-1; 100 kDa coated vesicle protein A; Adapter-related protein complex 2 alpha-1 subunit; Adaptor protein complex AP-2 subunit alpha-1; Alpha-adaptin A; Alpha1-adaptin; Clathrin assembly protein complex 2 alpha-A large chain; Plasma membrane adaptor HA2/AP2 adaptin alpha A subunit; AP2A1; ADTAA; CLAPA1

Accession No.: Q9TS61

Antigen: Bovine a-adaptin.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.