
EB2 Antibody

Subcategory: Rat Monoclonal Antibody

Cat. No.: 250128

Unit: 0.1 mg

Description:

EB proteins belong to the microtubule plus end tracking family proteins. They interact with cytoplasmic microtubules in interphase cells, with mitotic spindles, and with the adenomatous polyposis coli (APC) tumor suppressor. The end-binding protein 1, 2 and 3 (EB1-3) are involved in microtubule polymerization and stabilization with centrosomes as well as spindle function. The N-terminal domain of EB proteins binds to microtubules whereas the C-terminal domain forms mutually exclusive complexes with APC and DCTN1. This antibody recognizes the human, monkey, mouse and hamster EB2 in ELISA, Western blot, immunoprecipitation and immunofluorescent staining.

Isotype: rat IgG2b

Applications: E, WB, IP, IF

Species Reactivity: H, M, Mk, other

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

Alternate Names: Microtubule-associated protein RP/EB family member 2; End-binding protein 2; EB2; APC-binding protein EB2; RP1; MAPRE2

Accession No.: Q15555

Antigen: Purified full-length human EB2-GST fusion protein

Application Notes: WB: 1:2,000; IF: 1:200

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.