

CIB1 (5A1F) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252667

Unit: 0.1 ml

Description:

CIB1 (Calcium and integrin binding 1) is a 191-amino acid protein (~21kDa), belongs to the calcium-binding protein family. CIB1 is known to interact with DNA-dependent protein kinase and may play a role in kinase-phosphatase regulation of DNA end joining. CIB1 is an EF-hand-containing protein that binds multiple effector proteins, including the platelet alpha(IIb)beta(3) integrin and several serine/threonine kinases and potentially modulates their function. CIB1 regulates platelet aggregation in hemostasis through a specific interaction with the alpha(IIb) cytoplasmic domain of platelet integrin alpha(IIb)beta(3). CIB1 is also ubiquitously expressed activating and inhibiting protein ligand of the InsP3R.

Isotype:

Applications: WB, IHC

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Calcium and integrin-binding protein 1; CIB; Calcium- and integrin-binding protein; CIBP; Calmyrin; DNA-PKcs-interacting protein; Kinase-interacting protein; KIP; SNK-interacting protein 2-28; SIP2-28; CIB; KIP; PRKDCIP; CIB1

Accession No.: Q99828

Antigen: Purified recombinant fragment of CIB1 expressed in E. coli.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

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