

Mouse anti-Human CIB1 Monoclonal Antibody | anti-CIB1 antibody

CIB1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48008	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

CIB1; Monoclonal Antibody; CIB1 antibody; Calcium and integrin binding 1; CIB; KIP (Kinase interacting protein); SIP2-28 (SNK interacting protein2-28); CALMYRIN; Calcium and integrin binding 1 Calcium and integrin binding 1 (calmyrin); Calcium and integrin binding protein 1; DNA PKcs interacting protein; Human Snk interacting protein 2 to 28 mRNA complete cds; Kinase interacting protein; PRKDCIP; SIP2 28; SNK interacting protein 2 to 28.; anti-CIB1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, k
Clone Number	1D1
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In phosphate-buffered saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	191
Applicable Applications for anti-CIB1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human CIB1 (1-191aa) purified from E. coli
Clone Note	Anti-human CIB1 mAb, clone 1D1, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human CIB1 protein.
Preparation and Storage	Can be stored at 4 degree C. For long term storage, aliquot and store at -20 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



IF (Immunofluorescence)

ICC/IF analysis of CIB1 in HeLa cells line, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human CIB1 antibody (1:100) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).



WB (Western Blot)

Cell lysates of HT29 (40ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human CIB1 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. The cell lysates (10ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human CIB1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: 293T cell lysate Lane 2.: CIB1 Transfected 293T cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CIB1 antibody	CIB1 (Calcium and integrin binding 1) is regulatory protein with 50% homology to calmodulin and calcineurin B, that encodes a member of the calcium-binding protein family. The specific function of this protein has not yet been determined; however this protein is known to interact with DNA-dependent protein kinase and may play a role in kinase-phosphatase regulation of DNA end joining. Also CIB1 is widely expressed and binds to a number of effectors, such as integrin alphaIIb, PAk1, and polo-like kinases in different tissues.
Product Categories/Family for anti-CIB1 antibody	Signal Transduction
References	Yuan W, et al., (2006) Mol Cell Biol 26 (22): 8507-14; Yuan W, et al., (2006) J Cell Biol 16; 172 (2):169-75

NCBI AND UNIPROT INFORMATION

NCBI GI #	163644313
NCBI GeneID	10519
NCBI Accession #	NP_006375
NCBI GenBank Nucleotide #	NM_006384.3
UniProt Accession #	Q99828; O00693; O00735; Q6IB49; Q96J54; Q99971; B5BU40; H6WJF3
Molecular Weight	26,032 Da
NCBI Official Full Name	calcium and integrin-binding protein 1 isoform b
NCBI Official Synonym Full Names	calcium and integrin binding 1
NCBI Official Symbol	CIB1
NCBI Official Synonym Symbols	CIB; CIBP; KIP1; PRKDCIP; SIP2-28
NCBI Protein Information	calcium and integrin-binding protein 1
UniProt Protein Name	Calcium and integrin-binding protein 1
UniProt Gene Name	CIB1
UniProt Synonym Gene Names	CIB; KIP; PRKDCIP; CIB; CIBP; KIP; SIP2-28

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cib1-antibody-clone-1d1-immunofluorescence-immunocytochemistry-western-blot-elisa/48008>