

For Research Use Only

CIB1 Monoclonal antibody

Catalog Number:67901-1-Ig



Basic Information

Catalog Number: 67901-1-Ig	GenBank Accession Number: BC000846	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10519	CloneNo.: 1D2C12
Source: Mouse	UNIPROT ID: Q99828	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Isotype: IgG2b	Full Name: calcium and integrin binding 1 (calmyrin)	FC (Intra): 0.40 ug per 10 ⁶ cells in a 100 µl suspension
Immunogen Catalog Number: AG31174	Calculated MW: 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat, bovine

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : LNCaP cells, Hela cells, K-562 cells, HepG2 cells, Jurkat cells, HSC-T6 cells, NIH/3T3 cells, Human milk

IHC : human breast cancer tissue,

FC (Intra) : Jurkat cells,

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

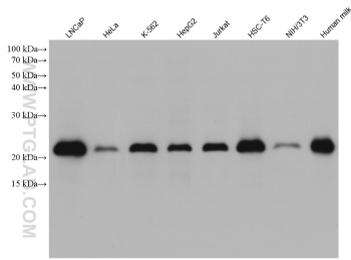
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

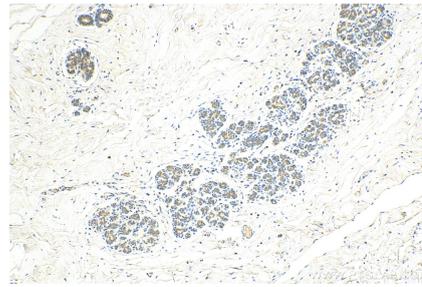
E: proteintech@ptglab.com
W: ptglab.com

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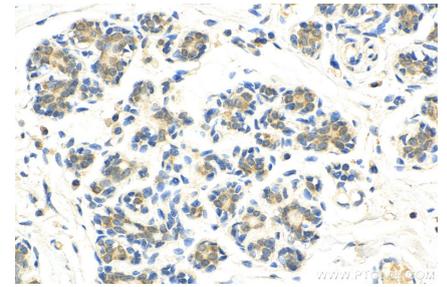
Selected Validation Data



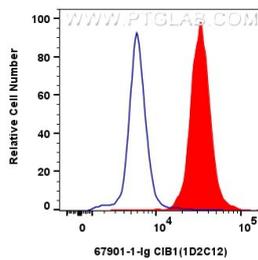
Various lysates were subjected to SDS PAGE followed by western blot with 67901-1-Ig (CIB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67901-1-Ig (CIB1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67901-1-Ig (CIB1 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1×10^6 Jurkat cells were intracellularly stained with 0.4 μ g CIB1 Monoclonal antibody (67901-1-Ig, Clone:1D2C12) and CoraLite[®]488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.4 μ g Mouse IgG2b isotype control Mouse McAb (66360-3-Ig, Clone: 11B8C4) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).