

### 32-5954: Mouse Anti Human Calcium and Integrin Binding 1(Clone:P1D1AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	P1D1AT.
<b>Application :</b>	ELISA,WB
<b>Gene :</b>	CIB1
<b>Gene ID :</b>	10519
<b>Uniprot ID :</b>	Q99828
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Calcium and integrin-binding protein 1,Calmyrin,DNA-PKcs-interacting protein,Kinase-interacting protein,SNK-interacting protein 2-28,SIP2-28,CIB1,CIB,KIP,PRKDCIP.
<b>Isotype :</b>	Mouse IgG2b heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human CIB1 mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human CIB1 amino acids 1-191 purified from E. coli.

#### Description

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. CIB1 interacts 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  $\beta$ IIb, PAK1, and polo-like kinases, in different tissues.

#### Product Info

<b>Amount :</b>	20 $\mu$ g
<b>Purification :</b>	CIB1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

CIB1 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000. Recommended starting dilution is 1:1,000.