

For Research Use Only

CIN85 Monoclonal antibody

Catalog Number: 66571-1-Ig



Basic Information

Catalog Number: 66571-1-Ig	GenBank Accession Number: BC015806	Purification Method: Protein G purification
Size: 1500 µg/ml	GeneID (NCBI): 30011	CloneNo.: 3C12D2
Source: Mouse	UNIPROT ID: Q96B97	Recommended Dilutions: WB 1:2000-1:10000
Isotype: IgG1	Full Name: SH3-domain kinase binding protein 1	
Immunogen Catalog Number: AG2777	Calculated MW: 665 aa, 73 kDa	
	Observed MW: 85 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, mouse, rat

Positive Controls:
WB : HL-60 cells, rat brain tissue, K-562 cells, PC-12 cells, mouse brain tissue, THP-1 cells, Jurkat cells, Ramos cells, Raji cells, Daudi cells

Background Information

CIN85 is identified as a Cbl-interacting protein of 85 kDa and belongs to adaptor/scaffold proteins. It is composed of three N-terminal SH3 domains followed by a proline-rich region and a C-terminal coiled-coil region. In association with c-Cbl (Casitas B-lineage lymphoma), an E3 ubiquitin ligase. As an adaptor protein, CIN85 is involved in Cbl-dependent EGFR internalization, intracellular receptor trafficking, sorting and degradation. Moreover, through the SH3 domains and the proline-rich region, CIN85 is implicated in many protein-protein interactions and it is found to play important roles in other processes such as apoptosis, rearrangement of actin cytoskeleton, cell adhesion, immunological synapse, cell migration and invasion.

Storage

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

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

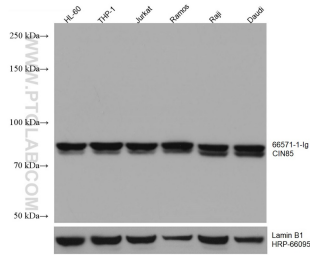
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66571-1-Ig (CIN85 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.