

CoraLite®594-conjugated CBLB Monoclonal antibody

Catalog Number: **CL594-66353**

Basic Information

Catalog Number: CL594-66353	GenBank Accession Number: BC032851	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 868	CloneNo.: 2D3A2
Source: Mouse	UNIPROT ID: Q13191	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG3	Full Name: Cas-Br-M (murine) ecotropic retroviral transforming sequence b	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG18757	Calculated MW: 982 aa, 109 kDa	
	Observed MW: 110 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : RAW 264.7 cells, U2OS cells
Species Specificity: human, mouse, pig, rat	

Background Information

CBLB(E3 ubiquitin-protein ligase CBL-B) is also known as RNF56 and plays a necessary role to prevent the inappropriate activation of NF- κ B in response to lipopolysaccharide and to polymicrobial sepsis. CBLB can be phosphorylated on tyrosine and serine residues upon TCR or BCR activation, and upon various types of cell stimulation. It also has a crucial role in the prevention of chronic inflammation and autoimmunity. This protein has 3 isoforms produced by alternative splicing.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed RAW 264.7 cells using CoraLite®594 CBLB antibody (CL594-66353, Clone: 2D3A2) at dilution of 1:100. DAPI (blue).