

For Research Use Only

# CoraLite®594-conjugated CBLB Monoclonal antibody

Catalog Number: CL594-66353



## Basic Information

<b>Catalog Number:</b> CL594-66353	<b>GenBank Accession Number:</b> BC032851	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 868	<b>CloneNo.:</b> 2D3A2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q13191	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG3	<b>Full Name:</b> Cas-Br-M (murine) ecotropic retroviral transforming sequence b	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG18757	<b>Calculated MW:</b> 982 aa, 109 kDa	
	<b>Observed MW:</b> 110 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : RAW 264.7 cells, U2OS cells
<b>Species Specificity:</b> 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-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**

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