For Research Use Only

CoraLite®594-conjugated CBLB Monoclonal antibody

Size: 1000 μg/ml



Purification Method:

Catalog Number: CL594-66353

Basic Information

Catalog Number: GenBank Accession Number: CL594-66353 BC032851

BC032851 Protein A purification
Genel D (NCBI): CloneNo.:
868 2D3A2

 Source:
 UNIPROT ID:
 Recommended Dilutions:

 Mouse
 Q13191
 IF/ICC 1:50-1:500

Isotype: Full Name: Excitation/Emission maxima

IgG3 Cas-Br-M (murine) ecotropic retroviral wavelengths: transforming sequence b 588 nm / 604 nm

Immunogen Catalog Number: transforming sequence b
AG18757 Calculated MW:

982 aa, 109 kDa Observed MW: 110 kDa

Applications

Tested Applications:

IF/ICC

Species Specificity: human, mouse, pig, rat **Positive Controls:**

IF/ICC: RAW 264.7 cells, U2OS cells

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:

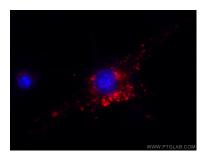
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).