For Research Use Only

CoraLite®594-conjugated CBLB Monoclonal antibody

www.ptglab.com

Catalog Number: CL594-66353

Catalog Number: GenBank Accession Number: **Purification Method: Basic Information** CL594-66353 BC032851 Protein A purification

> GeneID (NCBI): CloneNo.: 100ul, Concentration: 1000 ug/ml by 868 2D3A2

Nanodrop: **UNIPROT ID:** Recommended Dilutions: Q13191 IF/ICC 1:50-1:500

Mouse Full Name: Excitation/Emission maxima

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

Immunogen Catalog Number: Calculated MW: 982 aa, 109 kDa AG18757

> Observed MW: 110 kDa

Applications Tested Applications: 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-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

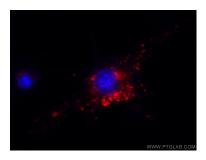
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

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).