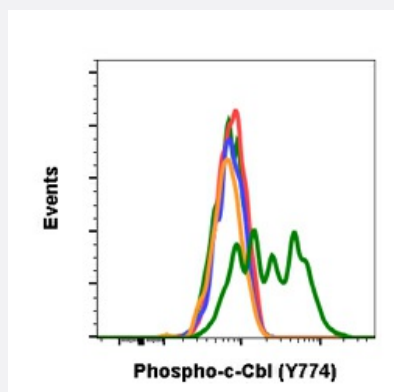


RecomAb™

CBL recombinant monoclonal antibody, clone CbLY774-R3B8

Catalog # RAB02838 Size 200 uL

Applications



Flow Cytometry

Flow cytometric analysis of 3T3 cells secondary antibody only negative control (blue) or untreated (gray) or treated with IFN α + IL-4 + pervanadate (orange) using 0.1 ug/mL isotype control or untreated (red) or treated (green) using Phospho-c-Cbl (Tyr774) antibody CbLY774-R3B8 at 0.01 ug/mL.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CBL.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Tyr774 of human phospho c-Cbl
Reactivity	Human
Form	Liquid
Purification	Protein A+G
Isotype	Rabbit IgG1k
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	1X PBS, 0.02% Sodium azide, 50% Glycerol, 0.1% BSA

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — CBL

Entrez GeneID

[867](#)

Protein Accession#

[P22681](#)

Gene Name

CBL

Gene Alias

C-CBL, CBL2, RNF55

Gene Description

Cas-Br-M (murine) ecotropic retroviral transforming sequence

Omim ID

[165360](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The cbl oncogene was first identified as part of a transforming retrovirus which induces mouse pre-B and pro-B cell lymphomas. As an adaptor protein for receptor protein-tyrosine kinases, it positively regulates receptor protein-tyrosine kinase ubiquitination in a manner dependent upon its variant SH2 and RING finger domains. Ubiquitination of receptor protein-tyrosine kinases terminates signaling by marking active receptors for degradation. [provided by RefSeq]

Other Designations

oncogene CBL2

Pathway

- [Chronic myeloid leukemia](#)
- [Endocytosis](#)
- [ErbB signaling pathway](#)

- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)
- [T cell receptor signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Tobacco Use Disorder](#)