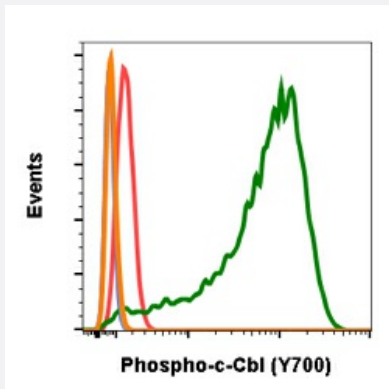


RecomAb™

CBL recombinant monoclonal antibody, clone CbLY700-E1

Catalog # RAB02839 Size 200 uL

Applications



Flow Cytometry

Flow cytometric analysis of C6 cells secondary antibody only negative control (blue) or treated with imatinib (grey) or with pervanadate (orange) using 0.1 ug/mL isotype control or imatinib (red) or pervanadate (green) using Phospho-c-Cbl (Tyr700) antibody CbLY700-E1 at 0.1 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 Tyr700 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](#)