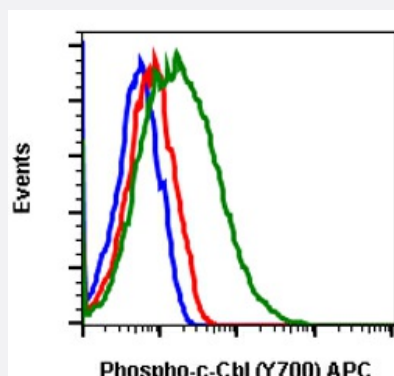


RecomAb™

CBL recombinant monoclonal antibody, clone CbLY700-E1 (APC)

Catalog # RAB03033 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of C6 cells cell only only negative control (blue) or treated with imatinib (red) or with pervanadate (green) using Phospho-c-Cbl (Tyr700) APC-conjugated antibody CbLY700-E1.

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
Conjugation	APC
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	1X PBS, 0.09% Sodium azide, 0.2% BSA

Storage Instruction

Store at 4°C. Do not freeze.

Note

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

Applications

- Flow Cytometry

Flow cytometric analysis of C6 cells cell only only negative control (blue) or treated with imatinib (red) or with pervanadate (green) using Phospho-c-Cbl (Tyr700) APC-conjugated antibody CbIY700-E1.

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](#)