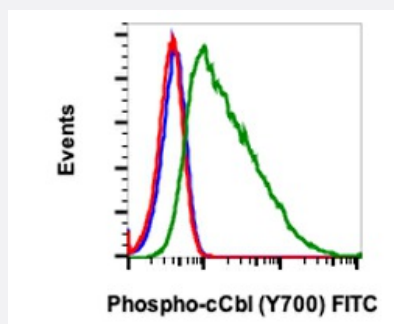


RecomAb™

CBL recombinant monoclonal antibody, clone CbIY700-E1 (FITC)

Catalog # RAB02840 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of C6 cells cell treated with imatinib and unstained as negative control (blue) or treated with imatinib (red) or with pervanadate (green) and stained using Phospho-c-Cbl (Tyr700) FITC conjugated antibody CbIY700-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
Purification	Protein A+G
Isotype	Rabbit IgG1k
Conjugation Note	FITC
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 treated with imatinib and unstained as negative control (blue) or treated with imatinib (red) or with pervanadate (green) and stained using Phospho-c-Cbl (Tyr700) FITC conjugated antibody CbLY700-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](#)