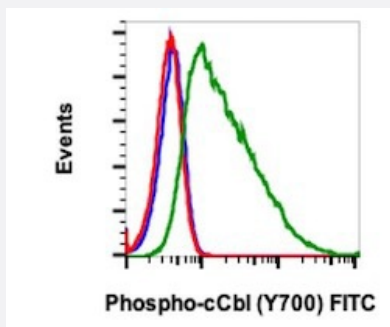


# CBL (phospho Y700) monoclonal antibody, clone E1 (FITC)

Catalog # MAB23491      Size 100 Reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of C6 cells with CBL (phospho Y700) monoclonal antibody, clone E1 (FITC) (Cat # MAB23491). Unstained treated with imatinib as negative control (blue) or stained treated with imatinib (red) or treated with pervanadate (green).

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human CBL.
<b>Immunogen</b>	A synthetic phosphopeptide corresponding to residues surrounding Y700 of human CBL.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Conjugation</b>	FITC
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (5 $\mu$ L/ $10^6$ cells) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).
<b>Storage Instruction</b>	Store at 4°C.

**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	<a href="#">867</a>
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Gene Name	CBL
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Gene Alias	C-CBL, CBL2, RNF55
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Gene Description	Cas-Br-M (murine) ecotropic retroviral transforming sequence
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Omim ID	<a href="#">165360</a>
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Gene Ontology	<a href="#">Hyperlink</a>
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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]
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Other Designations	oncogene CBL2
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## 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](#)