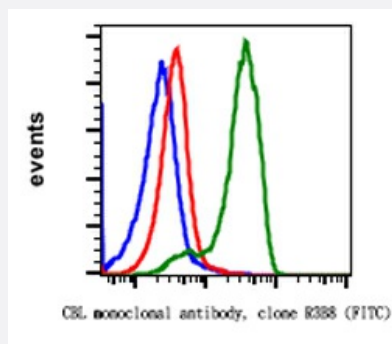


# CBL (phospho Y774) monoclonal antibody, clone R3B8 (FITC)

Catalog # MAB23377 Size 100 Reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of Daudi cells with CBL (phospho Tyr774) monoclonal antibody, clone R3B8 (FITC)(Cat # MAB23377). Untreated as negative control (blue) or untreated (red) or treated with IFNα + IL-4 + pervanadate (green).

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human CBL.
<b>Immunogen</b>	A synthetic phospho-peptide corresponding to residues surrounding Tyr774 of human phospho c-Cbl
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Conjugation</b>	FITC
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (5 uL/million cells) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% NaN <sub>3</sub> , 0.2% BSA)
<b>Storage Instruction</b>	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

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Untreated as negative control (blue) or untreated (red) or treated with IFN $\alpha$  + IL-4 + pervanadate (green).

## Gene Info — CBL

Entrez GeneID	<a href="#">867</a>
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Protein Accession#	<a href="#">P22681</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](#)