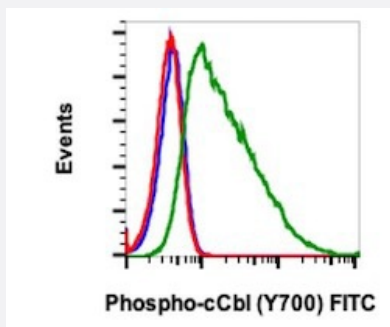


CBL (phospho Y700) monoclonal antibody, clone E1 (FITC)

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

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

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 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).

Gene Info — CBL

Entrez GeneID	867
---------------	---------------------

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](#)