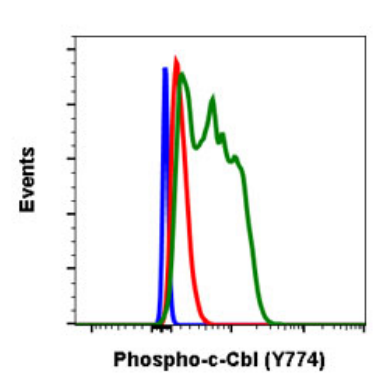
CBL (phospho Y774) monoclonal antibody, clone R4C5

Catalog # MAB18850 Size 20 uL

Applications



Flow Cytometry

Flow cytometric analysis of Daudi cells with CBL (phospho Y774) monoclonal antibody, clone R4C5 (Cat # MAB18850). Secondary antibody only negative control (blue) or untreated (red) or treated with IFNa + IL-4 + pervanadate (green).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human CBL.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Y774 of human CBL.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.1% BSA and 0.02% sodium azide).
Storage Instruction	Store at -20°C.

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

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- Flow Cytometry

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- Western Blot

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 pr e-B and pro-B cell lymphomas. As an adaptor protein for receptor protein-tyrosine kinases, it posi tively regulates receptor protein-tyrosine kinase ubiquitination in a manner dependent upon its var iant 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

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- 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

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