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Anti-c-Cbl (Tyr-700), Phosphospecific Antibody

Catalog # AN1689

Product Information

Application	WB
Primary Accession	P22681
Host	Mouse
Clonality	Mouse Monoclonal
Isotype	IgG1
Clone Names	M161
Calculated MW	99633

Additional Information

Gene ID	867
Other Names	E3 ubiquitin ligase CBL, RING finger 55
Target/Specificity	c-Cbl proto-oncogene is a ubiquitously expressed cytoplasmic adaptor protein that is especially predominant in hematopoietic cells. c-Cbl possesses a highly conserved amino-terminal phosphotyrosine binding domain and a C3HC4 RING finger motif. c-Cbl is rapidly tyrosine phosphorylated in response to stimulation of a variety of cell-surface receptors and becomes associated with a number of intracellular signaling molecules such as protein tyrosine kinases, phosphatidylinositol 3 kinase (PI3K), Crk and 14-3-3 proteins. In human cancer tissues, c-Cbl is frequently tyrosine phosphorylated in a tumor-specific manner. Src-family kinases primarily phosphorylate c-Cbl at Tyr-700, Tyr-731, and Tyr-774. These sites of phosphorylation provide docking sites for downstream signaling components, such as Grb-2, PI3K, and Fyn.
Dilution	WB~~1:1000
Format	Protein A Purified
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-c-Cbl (Tyr-700), Phosphospecific Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.