

# Anti-c-Cbl (C-terminal region) Antibody

Catalog # AN1688

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P22681</a>
<b>Host</b>	Mouse
<b>Clonality</b>	Mouse Monoclonal
<b>Isotype</b>	IgG1
<b>Clone Names</b>	M159
<b>Calculated MW</b>	99633

## Additional Information

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<b>Gene ID</b>	867
<b>Other Names</b>	E3 ubiquitin ligase CBL, RING finger 55

<b>Target/Specificity</b>	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.
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<b>Dilution</b>	WB~~1:1000
<b>Format</b>	Protein A Purified
<b>Storage</b>	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.
<b>Precautions</b>	Anti-c-Cbl (C-terminal region) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
<b>Shipping</b>	Blue Ice

## Background

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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.

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