

Mouse c-Cbl (C-terminal Region) Monoclonal Antibody | anti-CBL antibody

Anti-c-Cbl (C-terminal Region)

CATALOG # AAA71500	HOST Mouse	REACTIVITY Human, Rat, Mouse	APPLICATIONS Western Blot, ELISA
------------------------------	----------------------	--	--

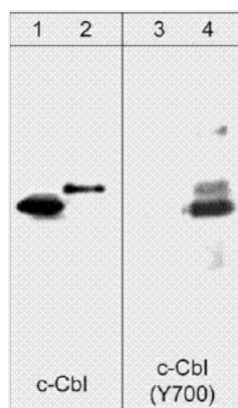
PRODUCT SYNONYMS

c-Cbl (C-terminal Region); Monoclonal Antibody; Anti-c-Cbl (C-terminal Region); E3 ubiquitin-protein ligase CBL; RING finger protein 55; anti-CBL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	The antibody detects a 120 kDa* protein in human Jurkat cells.
Purity/Purification	Protein A Purified
Form/Format	Mouse monoclonal antibody purified with protein A chromatography is supplied in 100ul phosphate-buffered saline, 50% glycerol, 1 mg/ml BSA, and 0.05% sodium azide.
Applicable Applications for anti-CBL antibody	WB (Western Blot), ELISA
Immunogen	Clone (M159) was generated from a synthetic peptide (coupled to KLH) corresponding to amino acid residues in the C-terminal region of c-Cbl. This sequence is highly conserved in rat and mouse c-Cbl.
Preparation and Storage	Store at -20 degree C.

IMAGES



Application Data

Western blot analysis of human Jurkat cells untreated (lanes 1 & 3) or treated with pervanadate (1 mM) for 30 minutes (lanes 2 & 4). The blot was probed with anti-c-Cbl (AAA71500; lanes 1 & 2) or anti-c-Cbl (Tyr-700) (; lanes 3 & 4).

ADDITIONAL INFORMATION

Related Product Information for anti-CBL antibody	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.
References	• Blake, T. J. et al. (1991) Oncogene 6:653. • Donovan, J.A., et al. (1994) J. Biol. Chem. 269:37. • Rivero-Lezcano, O.M. et al. (1994) J. Biol. Chem. 269:26. • Christine, B. F. et al. (2001) Nat. Rev. Mol. Cell Biol. 2:294.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29731
NCBI GeneID	867
UniProt Accession #	P22681; A3KMP8
Molecular Weight	99,633 Da
NCBI Official Full Name	c-cbl
NCBI Official Synonym Full Names	Cas-Br-M (murine) ecotropic retroviral transforming sequence
NCBI Official Symbol	CBL
NCBI Official Synonym Symbols	CBL2; NSLL; C-CBL; RNF55
NCBI Protein Information	E3 ubiquitin-protein ligase CBL; oncogene CBL2; OTTHUMP00000232087; proto-oncogene c-Cbl; RING finger protein 55; signal transduction protein CBL; casitas B-lineage lymphoma proto-oncogene
UniProt Protein Name	E3 ubiquitin-protein ligase CBL
UniProt Gene Name	CBL
UniProt Synonym Gene Names	CBL2; RNF55
UniProt Entry Name	CBL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/c-cbl-c-terminal-region-antibody-western-blot-elisa/71500>