

MB0151

C-CBL Antibody



- 50ul
- 100 uL

Order	021-34695924 orders@ab-mart.com
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Description:

Adapter protein that functions as a negative regulator of many signaling pathways that are triggered by activation of cell surface receptors. Acts as an E3 ubiquitin-protein ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. Recognizes activated receptor tyrosine kinases, including KIT, FLT1, FGFR1, FGFR2, PDGFRA, PDGFRB, EGFR, CSF1R, EPHA8 and KDR and terminates signaling. Recognizes membrane-bound HCK, SRC and other kinases of the SRC family and mediates their ubiquitination and degradation. Participates in signal transduction in hematopoietic cells. Plays an important role in the regulation of osteoblast differentiation and apoptosis. Essential for osteoclastic bone resorption. The 'Tyr-731' phosphorylated form induces the activation and recruitment of phosphatidylinositol 3-kinase to the cell membrane in a signaling pathway that is critical for osteoclast function. May be functionally coupled with the E2 ubiquitin-protein ligase UB2D3. In association with CBLB, required for proper feedback inhibition of ciliary platelet-derived growth factor receptor-alpha (PDGFRA) signaling pathway via ubiquitination and internalization of PDGFRA (By similarity).

Uniprot : P22681

Alternative Names:

4732447J05Rik; C CBL; Cas Br M (murine) ecotropic retroviral transforming sequence; Casitas B lineage lymphoma proto oncogene; Casitas B-lineage lymphoma proto-oncogene; CBL 2; cbl; CBL_HUMAN; CBL2; E3 ubiquitin protein ligase CBL; E3 ubiquitin-protein ligase CBL; Oncogene CBL2; Proto oncogene c CBL; Proto-oncogene c-CBL; RGD1561386; RING finger protein 55; RNF55; Signal transduction protein CBL;

Specificity:

C-CBL antibody detects endogenous levels of total C-CBL.

Reactivity : Human, Mouse, Rat

Source : Mouse

Mol.Wt. : 120kD; 100kDa(Calculated).

Storage Condition:

Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB,IHC,IF/ICC,ELISA,FCM

Recommended dilution

WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500 ELISA 1: 2000 FCM 1: 50