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35-1329: Polyclonal Antibody to c-Cbl (phospho-Tyr700)

Clonality: Polyclonal Application: WB,IHC,IF Reactivity: Human Gene: CBL Gene ID: 867 **Uniprot ID:** P22681 Format: Purified

Signal transduction protein CBL, Proto-oncogene c-CBL, Casitas B-lineage lymphoma proto-**Alternative Name:**

oncogene, RING finger protein 55

Isotype:

Peptide sequence around phosphorylation site of tyrosine 770 (T-E-Y(p)-M-T) derived from Immunogen Information:

Human c-Cbl.

Description

Participates in signal transduction in hematopoietic cells. Adapter protein that functions as a negative regulator of many signaling pathways that start from receptors at the cell surface. 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 PDGFA, EGF and CSF1, and terminates signaling.

Product Info

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 120kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100, Immunofluorescence: 1:100~1:200

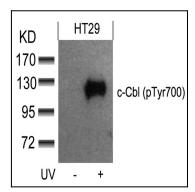


Figure 1: Western blot analysis of extracts from HT29 cells untreated or treated with UV using c-Cbl(phospho-Tyr700) Antibody 35-1329.



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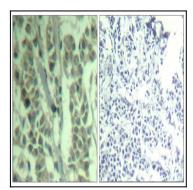


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-Cbl(Phospho-Tyr700) Antibody 35-1329 (left) or the same antibody preincubated with blocking peptide(right).

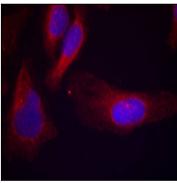


Figure 3: Immunofluorescence staining of methanol-fixed Hela cells using c-Cbl(phospho-Tyr700) Antibody 35-1329.