

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
Alternative Name :	Signal transduction protein CBL, Proto-oncogene c-CBL, Casitas B-lineage lymphoma proto-oncogene, RING finger protein 55
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around phosphorylation site of tyrosine 770 (T-E-Y(p)-M-T) derived from 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 µl / 100 µl
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid 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

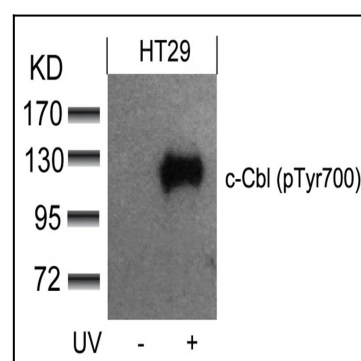


Figure 1: Western blot analysis of extracts from HT29 cells untreated or treated with UV using c-Cbl(phospho-Tyr700) Antibody 35-1329 .

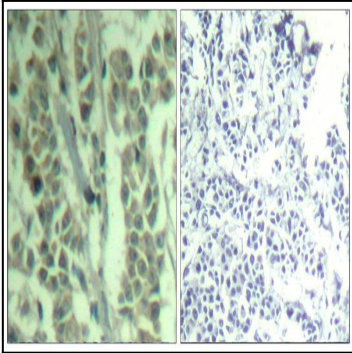


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using c-Cbl(Phospho-Tyr700) Antibody 35-1329 (left) or the same antibody preincubated with blocking peptide(right).

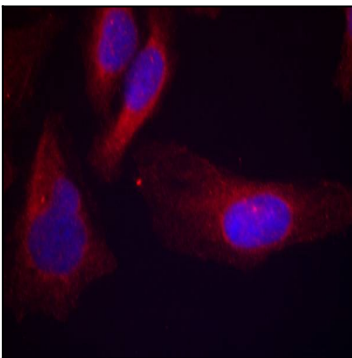


Figure 3: Immunofluorescence staining of methanol-fixed HeLa cells using c-Cbl(phospho-Tyr700) Antibody 35-1329 .