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Product datasheet for AM06661SU-N

CBL Mouse Monoclonal Antibody [Clone ID: 3B12]

Product data:

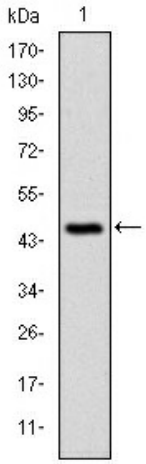
Product Type:	Primary Antibodies
Clone Name:	3B12
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	**Western Blot:** 1/500 - 1/2000. **Immunohistochemistry on paraffin sections**: 1/200 - 1/1000. **Immunofluorescence**: 1/200 - 1/1000. **Flow cytometry:** 1/200 - 1/400. **ELISA**: 1/10000.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human C-CBL expressed in E. Coli.
Specificity:	This antibody reacts to C-CBL.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	120 kDa
Gene Name:	Cbl proto-oncogene
Database Link:	Entrez Gene 867 Human P22681

View online »

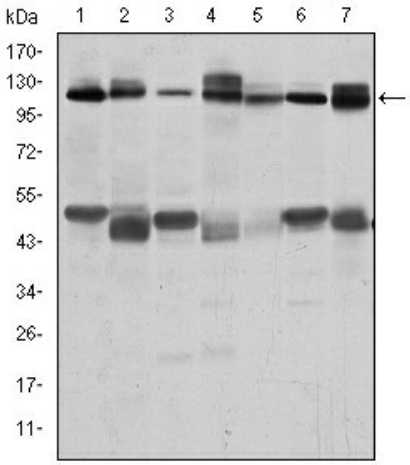
Background: The cbl oncogene was first identified as part of a transforming retrovirus which induces mouse pre-B and pro-B cell lymphomas. As an adaptor protein for receptor protein-tyrosine kinases, it positively regulates receptor protein-tyrosine kinase ubiquitination in a manner dependent upon its variant SH2 and RING finger domains. Ubiquitination of receptor protein-tyrosine kinases terminates signaling by marking active receptors for degradation.

Synonyms: RING finger protein 55, CBL2, c-CBL

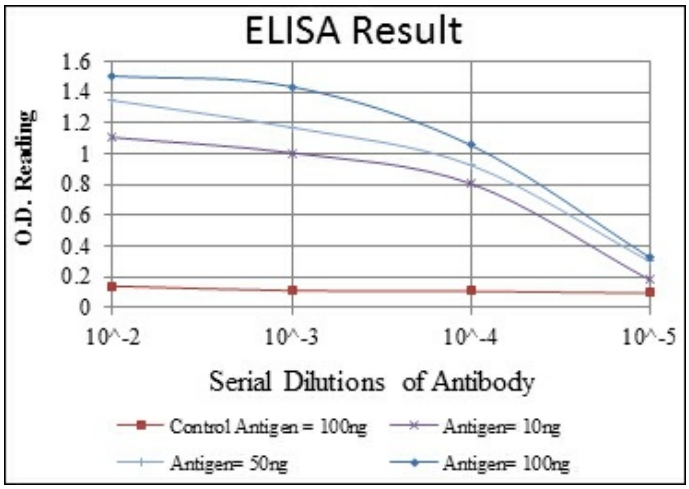
Product images:



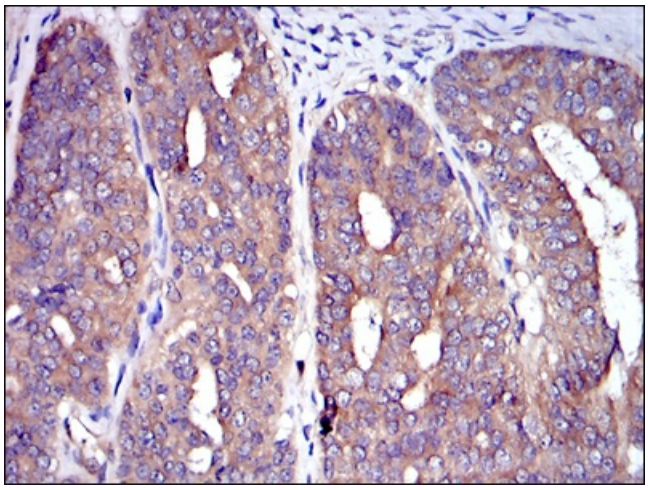
Western blot analysis using C-CBL mAb against human C-CBL (AA: 684-865) recombinant protein. (Expected MW is 44.9 kDa)



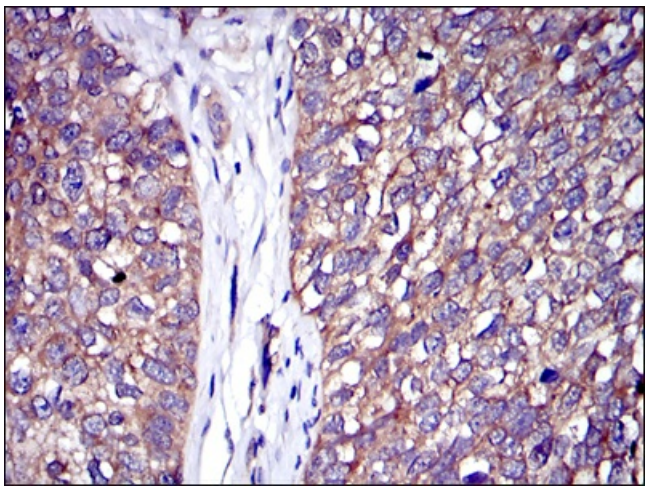
Western blot analysis using C-CBL mouse mAb against RAJI (1), RAW264.7 (2), K562 (3), SKBR-3 (4), 3T3-L1 (5), THP-1 (6) and PC-12 (7) cell lysate.



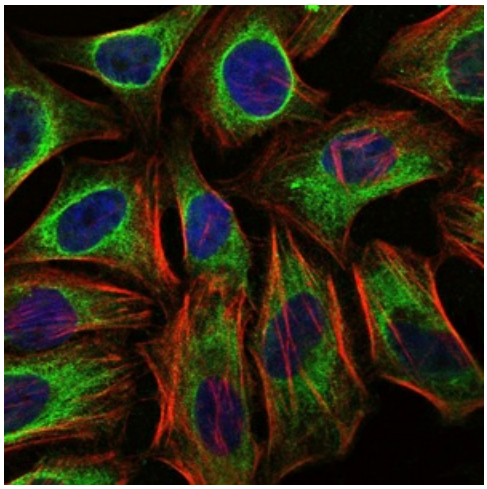
Red: Control Antigen (100ng) Purple: Antigen (10ng) Green: Antigen (50ng) Blue: Antigen (100ng)



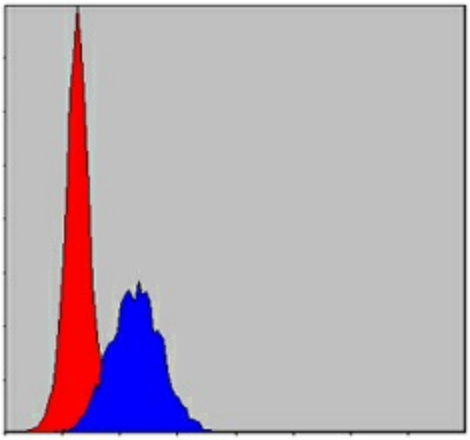
Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using C-CBL mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using C-CBL mouse mAb with DAB staining.



Immunofluorescence analysis of Hela cells using C-CBL mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of MCF-7 cells using C-CBL mouse mAb (blue) and negative control (red).