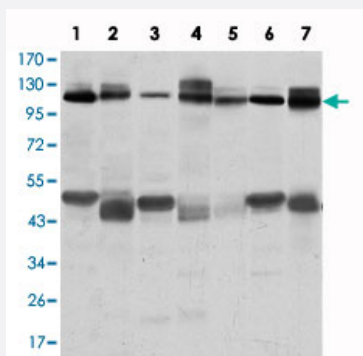


CBL monoclonal antibody, clone 3B12

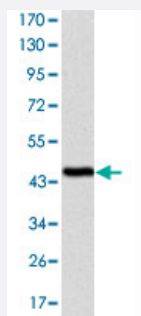
Catalog # MAB10513 Size 100 uL

Applications



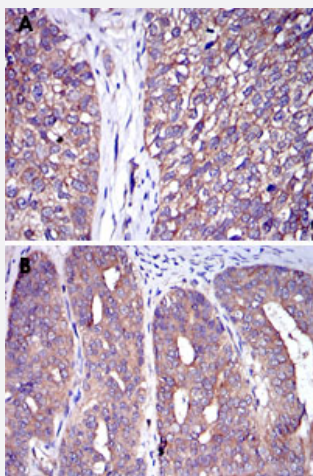
Western Blot (Cell lysate)

Western blot analysis using CBL monoclonal antibody, clone 3B12 (Cat # MAB10513) against Raji (1), Raw 264.7 (2), K-562 (3), SK-BR-3 (4), 3T3-L1 (5), THP-1 (6) and PC-12 (7) cell lysate.



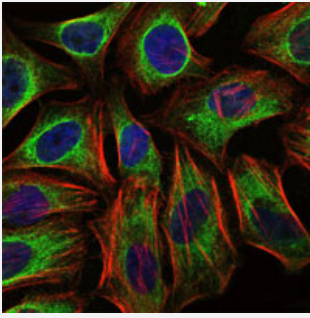
Western Blot (Recombinant protein)

Western blot analysis using CBL monoclonal antibody, clone 3B12 (Cat # MAB10513) against recombinant protein.



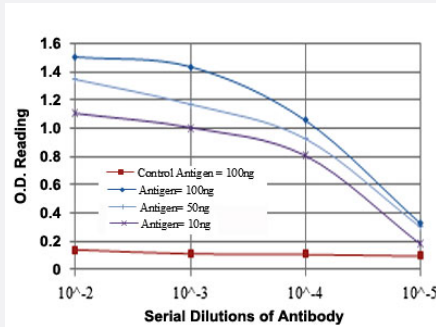
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human ovarian cancer (A) and human bladder cancer (B) tissues using CBL monoclonal antibody, clone 3B12 (Cat # MAB10513) with DAB staining.



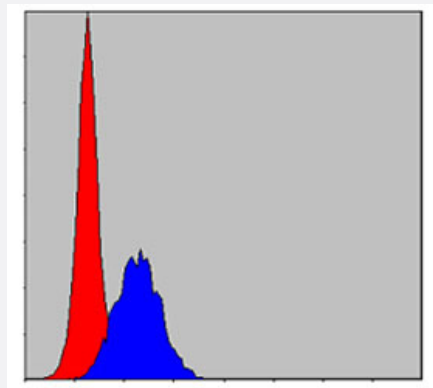
Immunofluorescence

Immunofluorescence analysis of HeLa cells using CBL monoclonal antibody, clone 3B12 (Cat # MAB10513) (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Enzyme-linked Immunoabsorbent Assay

ELISA detection with CBL monoclonal antibody, clone 3B12 (Cat # MAB10513).



Flow Cytometry

Flow cytometric analysis of MCF-7 cells using CBL monoclonal antibody, clone 3B12 (Cat # MAB10513) (blue) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant CBL.
Immunogen	Recombinant protein corresponding to human CBL.
Host	Mouse
Theoretical MW (kDa)	120
Reactivity	Human, Mouse, Rat
Form	Liquid
Isotype	IgG1

Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry (1:200-1:1000) Immunofluorescence (1:200-1:1000) Flow cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis using CBL monoclonal antibody, clone 3B12 (Cat # MAB10513) against Raji (1), Raw 264.7 (2), K-562 (3), SK-BR-3 (4), 3T3-L1 (5), THP-1 (6) and PC-12 (7) cell lysate.

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Gene Info — CBL

Entrez GeneID

[867](#)

Gene Name	CBL
Gene Alias	C-CBL, CBL2, RNF55
Gene Description	Cas-Br-M (murine) ecotropic retroviral transforming sequence
Omim ID	165360
Gene Ontology	Hyperlink
Gene Summary	The cbl oncogene was first identified as part of a transforming retrovirus which induces mouse pr e-B and pro-B cell lymphomas. As an adaptor protein for receptor protein-tyrosine kinases, it posi tively regulates receptor protein-tyrosine kinase ubiquitination in a manner dependent upon its var iant SH2 and RING finger domains. Ubiquitination of receptor protein-tyrosine kinases terminates signaling by marking active receptors for degradation. [provided by RefSeq
Other Designations	oncogene CBL2

Pathway

- [Chronic myeloid leukemia](#)
- [Endocytosis](#)
- [ErbB signaling pathway](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Pathways in cancer](#)
- [T cell receptor signaling pathway](#)
- [Ubiquitin mediated proteolysis](#)

Disease

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)

- [Tobacco Use Disorder](#)