CBLC Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CBLC, Monoclonal Antibody
Full Product Name	CBLC (Signal Transduction Protein CBL-C, RING Finger Protein 57, SH3-binding Protein CBL-3, SH3-binding Protein CBL-C, CBL3, RNF57) (MaxLigh
Product Gene Name	anti-CBLC antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3F10
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CBLC.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	47,418 Da
Immunogen	Full-length recombinant corresponding to aa1-475 from CBLC (AAH28915) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MALAVAPWGRQWEEARALGRAVRMLQRLEEQCVDPRLSVSPPSLRDLLPRTAQLLREVAHSRRAAGGGGPGGPGGSGDFLLIYLANLEAKSRQVAALL
Conjugate	MaxLight405
Product Categories/Family for anti-CBLC antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-CBLC antibody	FLISA, Western Blot (WB)
Application Notes for anti-CBLC antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CBLC antibody	Cbl proteins are a family of ubiquitin protein ligases (E3s) that negatively regulate signaling by targeting activated tyrosine kinases for degradation. Cbl- target it for degradation. Through interactions with proteins containing SRC homology-2 (SH2) and SH3 domains, CBL proteins modulate downstream
Other Notes	Small volumes of anti-CBLC antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess

Searchable Terms for CBLC purchase	MBS6189243 is an antibody targeting CBLC. Also known as CBLC (Signal Transduction Protein CBL-C, RING Finger Protein 57, SH3-binding Protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CBLC. It may not necessarily be applicable to this product.

NCBI GI #	20809329
NCBI GeneID	23624
NCBI Accession #	BC028915
UniProt Secondary Accession #	Q8N1E5; Q9Y5Z2; Q9Y5Z3
UniProt Related Accession #	Q9ULV8
NCBI Official Full Name	Homo sapiens Cas-Br-M (murine) ecotropic retroviral transforming sequence c, mRNA
NCBI Official Synonym Full Names	Cbl proto-oncogene C
NCBI Official Symbol	CBLC
NCBI Official Synonym Symbols	CBL-3; RNF57; CBL-SL
Protein Family	E3 ubiquitin-protein ligase
NCBI Protein Information	E3 ubiquitin-protein ligase CBL-C
NCBI Summary for CBLC	This gene encodes a member of the Cbl family of E3 ubiquitin ligases. Cbl proteins play important roles in cell signaling through the ubiquitination and subsequent downregulation of tyrosine kinases. Expression of this gene may be restricted to epithelial cells, and alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]
Research Articles on CBLC	**1.** Data suggest that ubiquitin ligase CBLC controls mostly network organization of the Golgi Apparatus.
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