Anti-Phospho-CBL (Tyr774) Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010465

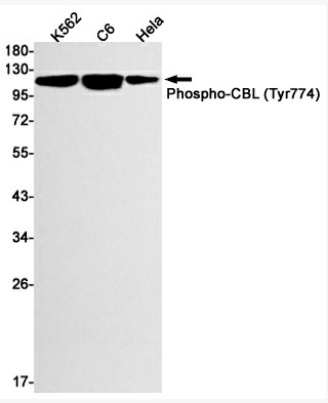
Product Information

Application	WB, IP, ELISA
Reactivity	Human, Rat
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	59K90L02
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Tyr774 of human CBL
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-CBL (Tyr774) antibody [59K90L02] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CBL, CBL2, RNF55, E3 ubiquitin-protein ligase CBL, Casitas B-lineage lymphoma proto-oncogene, Proto-oncogene c-Cbl, RING finger protein 55, Signal transduction protein CBL.
Calculated MW	Calculated MW: 100 kDa; Observed MW: 120 kDa
Uniprot ID	P22681
Gene ID	867
Background	This gene is a proto-oncogene that encodes a RING finger E3 ubiquitin ligase. The encoded protein is one of the enzymes required for targeting substrates for degradation by the proteasome. This protein mediates the transfer of ubiquitin from ubiquitin conjugating enzymes (E2) to specific substrates. This protein also contains an N-terminal phosphotyrosine binding domain that allows it to interact with numerous tyrosine-phosphorylated substrates and target them for proteasome degradation. As such it functions as a negative regulator of many signal transduction pathways. This gene has been found to be mutated or translocated in many cancers including acute myeloid leukaemia. Mutations in this gene are also the cause of Noonan syndrome-like disorder

Validation Images



Western blot analysis of Phospho-CBL (Tyr774) in K562, C6, Hela lysates using Phospho-CBL (Tyr774) antibody.