



Magic™ Mouse Anti-Human CBL Monoclonal antibody, clone DCM1 (DMAB-CS24631)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Human CBL
Target	Human CBL
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	DCM1
Conjugate	Unconjugated
Applications	ELISA(Cap), LFIA, CLIA, TINIA, POCT We recommend the following antibodies for sandwich immunoassay (Capture - Detection): DMAB-CS24631 - DMAB-CS24632
Format	Liquid
Size	1 mg
Buffer	Supplied as a 0.2 µM filtered solution of PBS, PH7.4.
Preservative	None
Storage	Store at -20°C to -80°C under sterile conditions. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction

Cbl proteins are a family of ubiquitin protein ligases (E3s) that negatively regulate signaling by targeting activated tyrosine kinases for degradation. Cbl- c is the most recently cloned member of the Cbl proteins and is expressed only in epithelial cells (the other Cbl proteins are ubiquitously expressed). Cbl-c, like the other mammalian Cbl proteins, can ubiquitinate the activated EGFR and target it for degradation. Through interactions with proteins containing SRC homology-2 (SH2) and SH3 domains, CBL proteins modulate downstream cell signaling.

Keywords

CBL; Cbl proto-oncogene, E3 ubiquitin protein ligase; CBL2; NSLL; C-CBL; RNF55; FRA11B; E3 ubiquitin-protein ligase CBL; oncogene CBL2; proto-oncogene c-Cbl