

For Research Use Only

CCDC50 Monoclonal antibody

Catalog Number: 68369-1-Ig



Basic Information

Catalog Number: 68369-1-Ig	GenBank Accession Number: BC065004	Purification Method: Protein G purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 152137	CloneNo.: 2F12G7
Source: Mouse	Full Name: coiled-coil domain containing 50	Recommended Dilutions: WB 1:20000-1:100000
Isotype: IgG1	Calculated MW: 482 aa, 56 kDa	
Immunogen Catalog Number: AG15889	Observed MW: 36-38 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells
Species Specificity: Human	

Background Information

CCDC50 encodes Ymer, an effector of epidermal growth factor (EGF)-mediated cell signaling that is ubiquitously expressed in different organs and has been suggested to inhibit down-regulation of the EGF receptor. CCDC50 act as a multifunctional regulator in NF-κB and Fas signaling pathways. In chronic lymphocytic leukaemia (CLL) and mantle cell lymphoma (MCL), CCDC50 is required for the survival of MCL and CLL cancer cells. Recently, CCDC50 was shown to promote hepatocellular carcinoma through the Ras/Foxo4 signaling pathway. (PMID: 34453126, PMID: 32612200, PMID: 17503326)

Storage

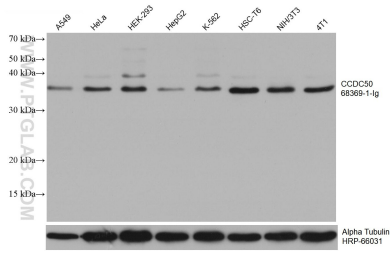
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68369-1-Ig (CCDC50 antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.