

OTUB2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3143
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human OTUB2 (AA:full(1-234)) expressed in E. Coli.
Mol wt	27KDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	OTB2;OTU2;C14orf137

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes one of several deubiquitylating enzymes. Ubiquitin modification of proteins is needed for their stability and function; to reverse the process, deubiquitylating enzymes remove ubiquitin. This protein contains an OTU domain and binds Ubal (ubiquitin aldehyde); an active cysteine protease site is present in the OTU domain.

Recommended Dilution

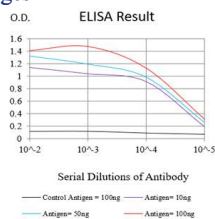
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

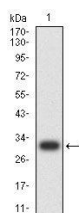
ELISA: 1:10000

Not yet tested in other applications.

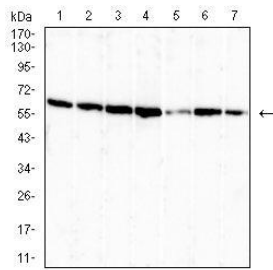
Images



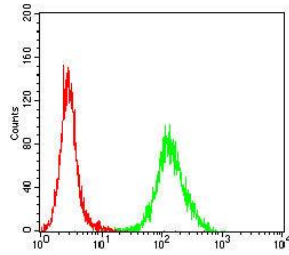
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



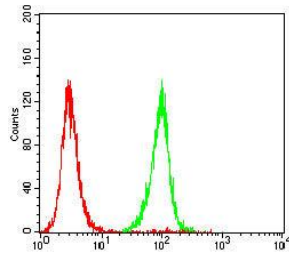
Western blot analysis using OTUB2 mAb against human OTUB2 (AA: full(1-234)) recombinant protein. (Expected MW is 30 kDa)



Western blot analysis using OTUB2 mouse mAb against HepG2 (1), A549 (2), HT-29 (3), MCF-7 (4), Jurkat (5), HeLa (6), and Hek293 (7) cell lysate.



Flow cytometric analysis of HeLa cells using OTUB2 mouse mAb (green) and negative control (red).



Flow cytometric analysis of HepG2 cells using OTUB2 mouse mAb (green) and negative control (red).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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