

For Research Use Only

BCLAF1 Monoclonal antibody

Catalog Number: 67860-1-Ig **2 Publications**



Basic Information

Catalog Number: 67860-1-Ig	GenBank Accession Number: BC132780	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 9774	CloneNo.: 1D6G7
Source: Mouse	Full Name: BCL2-associated transcription factor 1	Recommended Dilutions: WB 1:5000-1:50000 IF 1:400-1:1600
Isotype: IgG1	Calculated MW: 920 aa, 106 kDa	
Immunogen Catalog Number: AG25210	Observed MW: 145 kDa	

Applications

Tested Applications: FC, IF, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB : LNCaP cells, K-562 cells, HeLa cells, Jurkat cells, HEK-293 cells
Species Specificity: Human, mouse, rat	IF : HepG2 cells,
Cited Species: human, mouse	

Background Information

BCLF1, also named as Bcl-2-associated transcription factor 1, is a 920 amino acid protein, which Interacts with Bcl-2 related proteins, EMD, with the adenovirus E1B 19 kDa protein and with DNA. BCLF1 as a death-promoting transcriptional repressor may be involved in cyclin-D1/CCND1 mRNA stability through the SNARP complex which associates with both the 3'end of the CCND1 gene and its mRNA. The calculated molecular weight of BCLF1 is a 110 kDa, but the modified BCLF1 protein is about 140-150 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenwen Liu	35786405	Autophagy	WB
Zongdong Yu	38340178	Cell Mol Life Sci	WB,IHC,IF

Storage

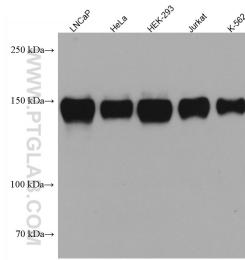
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

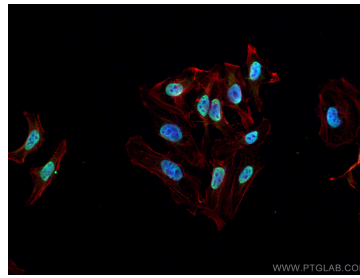
For technical support and original validation data for this product please contact:
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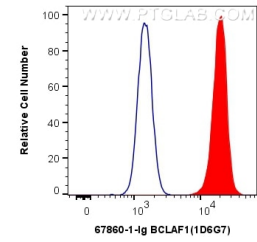
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67860-1-Ig (BCLAF1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using BCLAF1 antibody (67860-1-Ig, Clone: 1D6G7) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



1X10⁶ HepG2 cells were intracellularly stained with 0.5 ug Anti-Human BCLAF1 (67860-1-Ig, Clone: 1D6G7) (red) labeled with FlexAble CoraLite® Plus 555 Antibody Labeling Kit for Mouse IgG1 (KFA022), or 0.5 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).