

For Research Use Only

NFIC Monoclonal antibody

Catalog Number: 68318-1-Ig



Basic Information

Catalog Number: 68318-1-Ig	GenBank Accession Number: BC012120	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4782	CloneNo.: 1A11A5
Source: Mouse	UNIPROT ID: P08651	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Full Name: nuclear factor I/C (CCAAT-binding transcription factor)	
Immunogen Catalog Number: AG9472	Calculated MW: 428aa,48 kDa; 508aa,57 kDa	
	Observed MW: 50-56 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : HSC-T6 cells, Saos-2 cells, U2OS cells, LNCaP cells, HeLa cells, NIH/3T3 cells, 4T1 cells
Species Specificity: human, mouse, rat	

Background Information

NFIC, also named as Nuclear factor 1 C-type, is a 508 amino acid protein, which contains 1 CTF/NF-I DNA-binding domain and belongs to the CTF/NF-I family. NFIC localizes in the nucleus and recognizes and binds the palindromic sequence 5'-TTGGCNNNNNGCCAA-3' present in viral and cellular promoters and in the origin of replication of adenovirus type 2. These proteins are individually capable of activating transcription and replication.

Storage

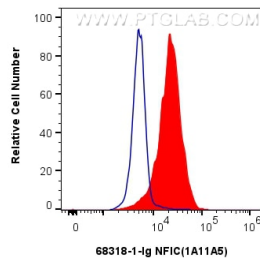
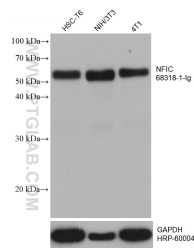
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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 68318-1-Ig (NFIC antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.

1×10^6 HeLa cells were intracellularly stained with 0.25 ug NFIC Monoclonal antibody (68318-1-Ig, Clone:1A11A5) and CoraLite® 488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 ug Mouse IgG2b isotype control Mouse McAb (66360-3-Ig, Clone: 11B8C4) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).