

For Research Use Only

NFIC Monoclonal antibody, PBS Only

Catalog Number: 68318-1-PBS



Basic Information

| | | |
|---|--|---|
| Catalog Number: 68318-1-PBS | GenBank Accession Number: BC012120 | Purification Method: Protein A purification |
| Size: 100ug, Concentration: 1mg/ml by Nanodrop; | GeneID (NCBI): 4782 | CloneNo.: 1A11A5 |
| Source: Mouse | UNIPROT ID: P08651 | |
| 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), Indirect ELISA

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

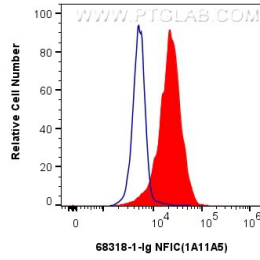
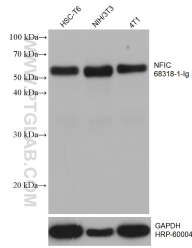
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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

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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. This data was developed using the same antibody clone with 68318-1-PBS in a different storage buffer formulation.

1x10⁶ 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). This data was developed using the same antibody clone with 68318-1-PBS in a different storage

