

For Research Use Only

NFIC Monoclonal antibody, PBS Only

Catalog Number: 68318-1-PBS



Basic Information

Catalog Number:

68318-1-PBS

Size:

1mg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG9472

GenBank Accession Number:

BC012120

GeneID (NCBI):

4782

UNIPROT ID:

P08651

Full Name:

nuclear factor I/C (CCAAT-binding transcription factor)

Calculated MW:

428aa,48 kDa; 508aa,57 kDa

Observed MW:

50-56 kDa

Purification Method:

Protein A purification

CloneNo.:

1A11A5

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'-TTGGCNNNNGCCAA-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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

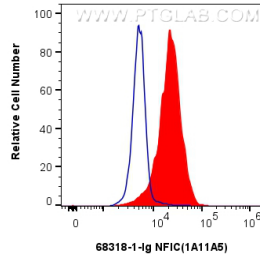
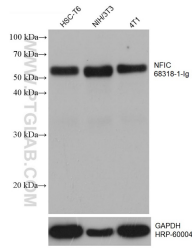
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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

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

