

For Research Use Only

# NFIC Monoclonal antibody

Catalog Number: 68318-1-Ig



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HSC-T6 cells, Saos-2 cells, U2OS cells, LNCaP cells, HeLa cells, NIH/3T3 cells, 4T1 cells
<b>Species Specificity:</b> 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

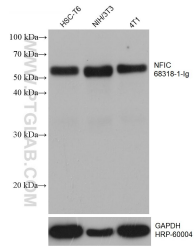
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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.