

For Research Use Only

NFIL3 Monoclonal antibody, PBS Only



Catalog Number: 66368-1-PBS

Basic Information

Catalog Number: 66368-1-PBS	GenBank Accession Number: BC008197	Purification Method: Protein G purification
Size: 1mg/ml	GeneID (NCBI): 4783	CloneNo.: 2F4B4
Source: Mouse	UNIPROT ID: Q16649	
Isotype: IgG1	Full Name: nuclear factor, interleukin 3 regulated	
Immunogen Catalog Number: AG2380	Calculated MW: 462 aa, 51 kDa	
	Observed MW: 50-55 kDa	

Applications

Tested Applications:
ELISA, WB

Species Specificity:
pig, human

Background Information

NFIL3, also named E4BP4 and IL3BP1, belongs to the bZIP family and NFIL3 subfamily. It represses transcription from promoters with activating transcription factor (ATF) sites. NFIL3 activates transcription from the interleukin-3 promoter in T-cells. It competes for the same consensus-binding site with PAR DNA-binding factors (DBP, HLF and TEF). It is a component of the circadian clock that acts as a negative regulator for the circadian expression of PER2 oscillation in the cell-autonomous core clock. NFIL3 protects pro-B cells from programmed cell death. It is a key regulator of TH2 responses (PMID:21499227).

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:

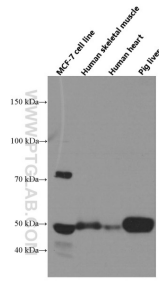
T: 4006900926

E: Proteintech-CN@ptglab.com

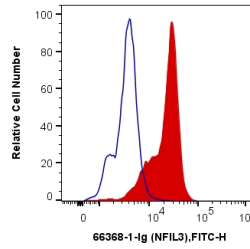
W: ptgcn.com

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Selected Validation Data



Western blot analysis of NFIL3 in various cell lines and tissues using Proteintech antibody 66368-1-Ig at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66368-1-PBS in a different storage buffer formulation.



1X10⁶ NK92 were intracellularly stained with 0.4 ug Anti-Human NFIL3 (66368-1-Ig, Clone:2F4B4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug x. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 66368-1-PBS in a different storage buffer formulation.