

For Research Use Only

# RFX1 Monoclonal antibody

Catalog Number: 68057-1-Ig



## Basic Information

<b>Catalog Number:</b> 68057-1-Ig	<b>GenBank Accession Number:</b> BC049826	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5989	<b>CloneNo.:</b> 1G10H6
<b>Source:</b> Mouse	<b>Full Name:</b> regulatory factor X, 1 (influences HLA class II expression)	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 105 kDa	
<b>Immunogen Catalog Number:</b> AG25442	<b>Observed MW:</b> 135 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, Mouse

**Positive Controls:**

**WB :** HEK-293 cells, HeLa cells, NIH/3T3 cells, U2OS cells, K-562 cells, A549 cells, MCF-7 cells, LnCaP cells

## Background Information

RFX1, also named as MHC class II regulatory factor RFX1, is a 979 amino acid protein which contains 1 RFX-type winged-helix DNA-binding domain and belongs to the RFX family. RFX1 can binds DNA as a homodimer and heterodimerizes with RFX2 and RFX3. RFX1 as a regulatory factor is essential for MHC class II genes expression. RFX1 protein is modified after translation and its molecular weight could be migrate to 130-140 kDa (PMID: 20189986 ).

## Storage

**Storage:**

Store at -20°C.

**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

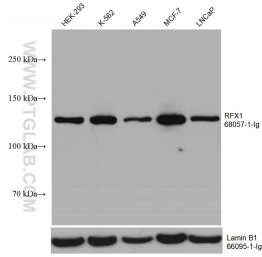
For technical support and original validation data for this product please contact:

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 68057-1-ig (RFX1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Lamin B1 Monoclonal antibody (66095-1-ig) as loading control.