

For Research Use Only

# RFX1 Monoclonal antibody

Catalog Number: 68057-1-Ig



## Basic Information

**Catalog Number:**

68057-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG25442

**GenBank Accession Number:**

BC049826

**GeneID (NCBI):**

5989

**UNIPROT ID:**

P22670

**Full Name:**

regulatory factor X, 1 (influences HLA class II expression)

**Calculated MW:**

105 kDa

**Observed MW:**

135 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1G10H6

**Recommended Dilutions:**

WB 1:1000-1:6000

## 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. 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

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

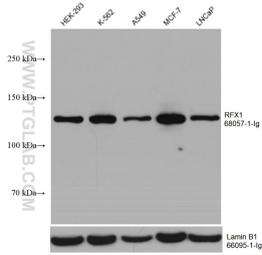
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## Selected Validation Data



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.