

# 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 bind 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:

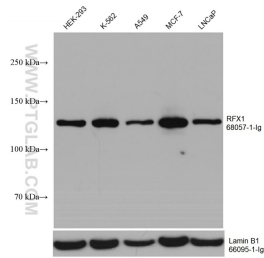
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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.