

For Research Use Only

# NKRF Monoclonal antibody

Catalog Number: 68230-1-Ig **Featured Product**



## Basic Information

<b>Catalog Number:</b> 68230-1-Ig	<b>GenBank Accession Number:</b> BC068514	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55922	<b>CloneNo.:</b> 1H10C8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O15226	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Isotype:</b> IgG1	<b>Full Name:</b> NFKB repressing factor	
<b>Immunogen Catalog Number:</b> AG6374	<b>Calculated MW:</b> 78 kDa	
	<b>Observed MW:</b> 100 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, Rat, Mouse

### Positive Controls:

WB : LNCaP cells, Jurkat cells, HEK-293 cells, MCF-7 cells, HeLa cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells

## Background Information

NKRF, also named as Protein ITBA4 or Transcription factor NRF, is a 690 amino acid protein, which contains one G-patch domain and one R3H domain. NKRF is widely and constitutively expressed, with lower level in colon, peripheral blood lymphocytes, lung and kidney. NKRF interacts with a specific negative regulatory element (NRE) 5'-AATTCCTCTGA-3' to mediate transcriptional repression of certain NK-kappa-B responsive genes. NKRF is involved in the constitutive silencing of the IFN- $\beta$  promoter, independently of the virus-induced signals, and in the inhibition of the basal and cytokine-induced iNOS promoter activity.

## 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

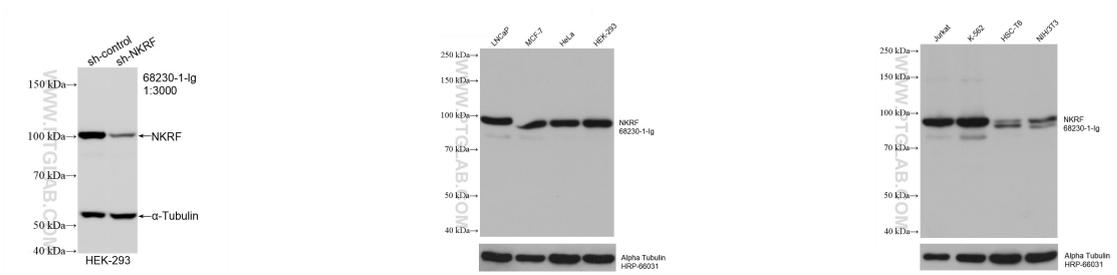
For technical support and original validation data for this product please contact:

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## Selected Validation Data



WB result of NKRF antibody (68230-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NKRF transfected HEK-293 cells.

Various lysates were subjected to SDS PAGE followed by western blot with 68230-1-Ig (NKRF antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.

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