NKRF Monoclonal antibody

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

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Basic Information

Catalog Number:
68230-1-Ig

Size:
1000 μg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG6374

GenBank Accession Number:
BC068514

GeneID (NCBI):
55922

UNIPROT ID:
O15226

Full Name:
NFKB repressing factor

Calculated MW:
78 kDa

Observed MW:
100 kDa

Purification Method:
Protein G purification

CloneNo.:
1H10C8

Recommended Dilutions:
WB 1:1000-1:6000

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-β promoter, independently of the virus-induced signals, and in the inhibition of the basal and cytokine-induced iNOS promoter activity.
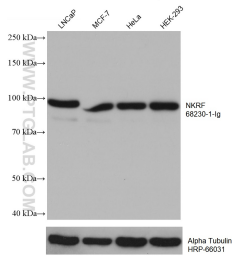
Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
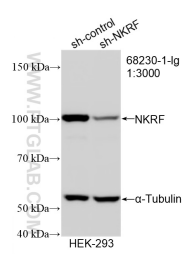
Aliquoting is unnecessary for -20°C storage
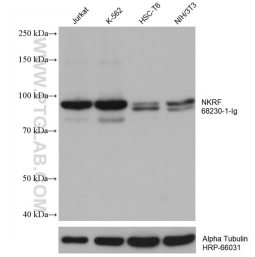
Various lysates were subjected to SDS PAGE followed by western blot with 68230-1-Ig (NKRF antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.

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.

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