

**ILF2 Recombinant Rabbit mAb**

Catalog: BS50110

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The protein encoded by this gene is a transcription factor required for T-cell expression of the interleukin 2 gene. It also binds RNA and is an essential component for encapsidation and protein priming of hepatitis B viral polymerase. The encoded 45 kDa protein (NF45, ILF2) forms a complex with the 90 kDa interleukin enhancer-binding factor 3 (NF90, ILF3), and this complex has been shown to affect the redistribution of nuclear mRNA to the cytoplasm, to repair DNA breaks by nonhomologous end joining, and to negatively regulate the microRNA processing pathway. Knockdown of NF45 or NF90 protein retards cell growth, possibly by inhibition of mRNA stabilization. Alternative splicing results in multiple transcript variants. Related pseudogenes have been found on chromosomes 3 and 14. [provided by RefSeq, Dec 2014]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:

43 kDa

Swiss-Prot:

Q12905

Purification&Purity:

Affinity Purification

Applications:

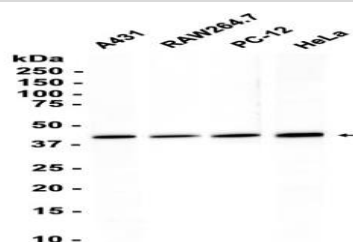
WB: 1:1000 IHC-P: 1:100-1:200 FC:
1:200-1:1000 IP: 1:50-1:100

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects endogenous levels of it.

DATA:

Western blot analysis of extracts from A431, RAW264.7, PC-12, HeLa cells using it at 1:1000.

Immunofluorescence analysis of HeLa cells labelling NIF3L1 with it.

Note:

For research use only, not for use in diagnostic procedure.

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