

# Anti-ILF2 Rabbit Monoclonal Antibody

antibody reacts with Human, Mouse, Rat.

Catalog # ABO15272

### Specification

# **Anti-ILF2 Rabbit Monoclonal Antibody - Product Information**

Application WB, IHC, IP, FC **Primary Accession** Q12905 Rabbit Host Isotype laG Reactivity Rat, Human, Mouse Clonality Monoclonal Format Liquid Description Anti-ILF2 Rabbit Monoclonal Antibody . Tested in WB, IHC, IP, Flow Cytometry applications. This

### Anti-ILF2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 3608

**Other Names** Interleukin enhancer-binding factor 2, Nuclear factor of activated T-cells 45 kDa, ILF2, NF45

Application Details WB 1:500-1:2000<br>IHC 1:50-1:200<br>IP 1:50<br>FC 1:100

**Contents** Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen A synthesized peptide derived from human ILF2

Purification Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

# Anti-ILF2 Rabbit Monoclonal Antibody - Protein Information

Name ILF2

Synonyms NF45

Function

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Chromatin-interacting protein that forms a stable heterodimer with interleukin enhancer-binding factor 3/ILF3 and plays a role in several biological processes including transcription, innate immunity or cell growth (PubMed:<a href="http://www.uniprot.org/citations/18458058" target="\_blank">18458058</a>, PubMed:<a href="http://www.uniprot.org/citations/31212927" target="\_blank">31212927</a>). Essential for the efficient reshuttling of ILF3 (isoform 1 and isoform 2) into the nucleus. Together with ILF3, forms an RNA-binding complex that is required for mitotic progression and cytokinesis by regulating the expression of a cluster of mitotic genes. Mechanistically, competes with STAU1/STAU2-mediated mRNA decay (PubMed:<a href="http://www.uniprot.org/citations/32433969" target="\_blank">32433969</a>). Also plays a role in the inhibition of various viruses including Japanese encephalitis virus or enterovirus 71.

#### **Cellular Location**

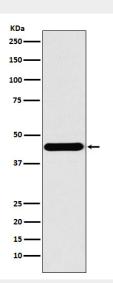
Nucleus, nucleolus. Cytoplasm. Nucleus. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs

### Anti-ILF2 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

### Anti-ILF2 Rabbit Monoclonal Antibody - Images



Western blot analysis of ILF2 expression in A431 cell lysate.