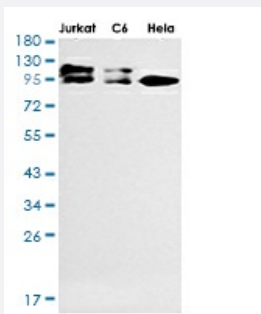


RecomAb™

ILF3 recombinant monoclonal antibody, clone R04-3C1

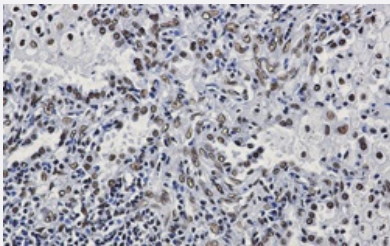
Catalog # RAB01253 Size 100 uL

Applications



Western Blot

Western blot analysis of ILF3/NF90 in Jurkat, C6, HeLa lysates using ILF3 antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using ILF3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human ILF3.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human ILF3.
Theoretical MW (kDa)	Calculated MW: 95 kD
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Frozen sections) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Immunocytochemistry Immunofluorescence Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of ILF3/NF90 in Jurkat, C6, Hela lysates using ILF3 antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

Gene Info — ILF3

Entrez GeneID [3609](#)

Protein Accession# [Q12906](#)

Gene Name	ILF3
Gene Alias	CBTF, DRBF, DRBP76, MMP4, MPHOSPH4, MPP4, NF-AT-90, NF110, NF90, NFAR, NFAR-1, NFAR2, TCP110, TCP80
Gene Description	interleukin enhancer binding factor 3, 90kDa
Omim ID	603182
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a double-stranded RNA (dsRNA) binding protein that complexes with other proteins, dsRNAs, small noncoding RNAs, and mRNAs to regulate gene expression and stabilize mRNAs. This protein was first discovered to be a subunit of the nuclear factor of activated T-cells (NFAT); a transcription factor required for T-cell expression of interleukin 2. NFAT is a heterodimer of 45 kDa and 90 kDa proteins, the larger of which is the product of this gene. These proteins have been shown to affect the redistribution of nuclear mRNA to the cytoplasm. Knockdown of NF45 or NF90 protein retards cell growth; possibly by inhibition of mRNA stabilization. In contrast, an isoform (NF110) of this gene that is predominantly restricted to the nucleus has only minor effects on cell growth when its levels are reduced. Alternative splicing results in multiple transcript variants encoding distinct isoforms</p>
Other Designations	M-phase phosphoprotein 4 double-stranded RNA-binding protein, 76 kD dsRNA binding protein NFAR-2/MPP4 interleukin enhancer binding factor 3 nuclear factor associated with dsRNA nuclear factor of activated T-cells, 90 kD translational control protein 80

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)