

Rabbit anti-Human, Rat ILF3 Monoclonal Antibody | anti-ILF3 antibody

Recombinant ILF3 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178801	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

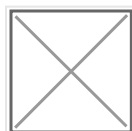
PRODUCT SYNONYMS

ILF3; Monoclonal Antibody; Recombinant ILF3 Monoclonal Antibody; CBTF; Double stranded RNA binding protein 76; Double-stranded RNA-binding protein 76; DRBF; DRBP76; Interleukin enhancer binding factor 3; Interleukin enhancer-binding factor 3; M phase phosphoprotein 4; M-phase phosphoprotein 4; MPHOSPH4; MPP4; NF AT 90; NF-AT-90; NF110; NF90; NFAR; Nuclear factor associated with dsRNA; Nuclear factor of activated T cells 90 kDa; Nuclear factor of activated T-cells 90 kDa; TCP80; Translational control protein 80; anti-ILF3 antibody

PRODUCT SPECIFICATIONS

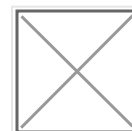
Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R04-3C1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-ILF3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human ILF3
Research Area	Cancer, Epigenetics and Nuclear Signaling, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



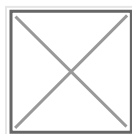
IF (Immunofluorescence)

Immunofluorescence of ILF3 (green) in hela using ILF3 Rabbit mAb at dilution 1:50, and DAPI(blue)



IHC (Immunohistochemistry)

Immunohistochemistry of ILF3 in paraffin-embedded Human lung cancer tissue using ILF3 Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of ILF3/NF90 in Jurkat,C6,Hela cell lysates using ILF3/NF90 Rabbit mAb(1:1000 diluted).Predicted band size:95kDa.Observed band size:95kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ILF3 antibody	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 (NF90, ILF3) forms a heterodimer with a 45 kDa transcription factor (NF45, ILF2) required for T-cell expression of interleukin 2. This complex has 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.
Product Categories/Family for anti-ILF3 antibody	Antibodies; Primary Antibodies; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	62512150
NCBI GeneID	3609
UniProt Accession #	Q12906; O43409; Q6P1X1; Q86XY7; Q99544; Q99545; Q9BZH4; Q9BZH5; Q9NQ95; Q9NQ96; A8K6F2; G5E9M5
Molecular Weight	894
NCBI Official Full Name	Interleukin enhancer-binding factor 3
NCBI Official Synonym Full Names	interleukin enhancer binding factor 3, 90kDa
NCBI Official Symbol	ILF3
NCBI Official Synonym Symbols	CBTF; DRBF; MMP4; MPP4; NF90; NFAR; NF110; NF90a; NF90b; NFAR2; TCP80; DRBP76; NF110b; NFAR-1; TCP110; MPHOSPH4; NF-AT-90
NCBI Protein Information	interleukin enhancer-binding factor 3; M-phase phosphoprotein 4; translational control protein 80; dsRNA binding protein NFAR-2/MPP4; nuclear factor associated with dsRNA; double-stranded RNA-binding protein, 76 kD; nuclear factor of activated T-cells 90
UniProt Protein Name	Interleukin enhancer-binding factor 3
UniProt Gene Name	ILF3
UniProt Synonym Gene Names	DRBF; MPHOSPH4; NF90; DRBP76; MPP4; NFAR; NF-AT-90; TCP80
UniProt Entry Name	ILF3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.