

ILF3 Conjugated Antibody

Catalog No: #C49919



Package Size: #C49919-AF350 100ul #C49919-AF405 100ul #C49919-AF488 100ul  
#C49919-AF555 100ul #C49919-AF594 100ul #C49919-AF647 100ul  
#C49919-AF680 100ul #C49919-AF750 100ul #C49919-Biotin 100ul

Orders: order@signalwayantibody.com  
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Description

Product Name	ILF3 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein of N-terminal human ILF3.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CBTF antibody Double stranded RNA binding protein 76 antibody Double-stranded RNA-binding protein 76 antibody DRBF antibody DRBP76 antibody ILF3 antibody ILF3_HUMAN antibody Interleukin enhancer binding factor 3 antibody Interleukin enhancer-binding factor 3 antibody M phase phosphoprotein 4 antibody M-phase phosphoprotein 4 antibody MPHOSPH4 antibody MPP4 antibody NF AT 90 antibody NF-AT-90 antibody NF110 antibody NF90 antibody NFAR antibody Nuclear factor associated with dsRNA antibody Nuclear factor of activated T cells 90 kDa antibody Nuclear factor of activated T-cells 90 kDa antibody TCP80 antibody Translational control protein 80 antibody
Accession No.	Swiss-Prot#:Q12906
Uniprot	Q12906
GeneID	3609;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	75/95 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:  
AF350 conjugated: most applications: 1: 50 - 1: 250  
AF405 conjugated: most applications: 1: 50 - 1: 250  
AF488 conjugated: most applications: 1: 50 - 1: 250  
AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

ILF3 (interleukin enhancer binding factor 3) or TCP80 (translational control protein 80), is a ubiquitously expressed nuclear protein that exists in a heterodimer with NF45. NF90 contains two DRBM (double-stranded RNA(dsRNA)-binding) domains and one DZF domain and, in association with NF45 primarily participates in the regulation of IL-2 expression by binding to the antigen receptor response element (ARRE) target sequence of the IL-2 enhancer. In neuronal cells, the NF45/NF90 heterodimer can repress human rhinovirus type 2 replication by binding to a 5' untranslated region of the viral RNA that encodes the internal ribosome entry site (IRES). NF45 and NF90 belong to the double-stranded RNA-binding protein family and both are substrates for the dsRNA-activated protein kinase, PKR. Due to alternative splicing events, six isoforms exist for NF90, namely NFAR-2 (or ILF3-E), NFAR-1 (or DRBP76), isoform 3, DRBP76 $\alpha$  (or ILF3-A), DRBP76 $\delta$  (also known as DRBP76 $\gamma$  or ILF3-C) and isoform 6.

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Note: This product is for in vitro research use only