

## ARG64187 anti-ILF2 / NF45 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes ILF2 / NF45
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	IHC-P, IP, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ILF2 / NF45
Species	Human
Immunogen	C-EKAYEKPEKKEG
Conjugation	Un-conjugated
Alternate Names	Interleukin enhancer-binding factor 2; NF45; Nuclear factor of activated T-cells 45 kDa; PRO3063

### Application Instructions

Application table	Application	Dilution
	IHC-P	Assay - dependent
	IP	Assay - dependent
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

#### Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

#### Database links

[GeneID: 3608 Human](#)

[Swiss-port # Q12905 Human](#)

#### Background

The protein encoded by this gene is the 45 kDa component of nuclear factor of activated T-cells (NFAT), a heterodimer of 45 kDa and 90 kDa proteins. NFAT 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 complex has been shown to repair DNA breaks by nonhomologous end joining and can also negatively regulate the microRNA processing pathway. Alternative splicing results in multiple transcript variants. Related pseudogenes have been found on chromosomes 3 and 14. [provided by RefSeq, Jun 2012]

#### Research Area

Gene Regulation antibody

#### Calculated Mw

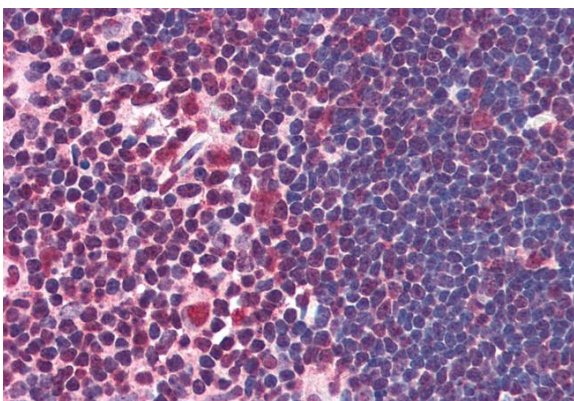
43 kDa

## Images



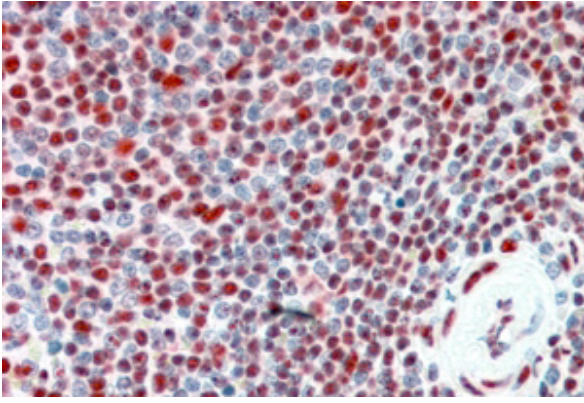
ARG64187 anti-ILF2 / NF45 antibody WB image

Western Blot: Human Tonsil lysate (35 µg protein in RIPA buffer) stained with ARG64187 anti-ILF2 / NF45 antibody at 0.03 µg/ml dilution.



ARG64187 anti-ILF2 / NF45 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human thymus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64187 anti-ILF2 / NF45 antibody at 2.5 µg/ml dilution followed by AP-staining.



ARG64187 anti-ILF2 / NF45 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Spleen.  
(Steamed antigen retrieval with citrate buffer pH 6) stained with  
ARG64187 anti-ILF2 / NF45 antibody at 2.5 µg/ml dilution followed  
by AP-staining.