

ARG41796 anti-IRF5 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes IRF5
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IRF5
Species	Human
Immunogen	Synthetic peptide of Human IRF5.
Conjugation	Un-conjugated
Alternate Names	SLEB10; Interferon regulatory factor 5; IRF-5

Application Instructions

Application table	Application	Dilution
	FACS	1:50
	ICC/IF	1:100 - 1:500
	IHC-P	1:50 - 1:200
	IP	1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	THP-1	
Observed Size	~ 56 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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.

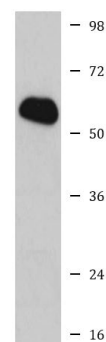
Note

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

Bioinformation

Gene Symbol	IRF5
Gene Full Name	interferon regulatory factor 5
Background	This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Multiple transcript variants encoding different isoforms have been found for this gene, and a 30-nt indel polymorphism (SNP rs60344245) can result in loss of a 10-aa segment. [provided by RefSeq, Mar 2010]
Function	Transcription factor involved in the induction of interferons IFNA and INFB and inflammatory cytokines upon virus infection. Activated by TLR7 or TLR8 signaling. [UniProt]
Calculated Mw	56 kDa
PTM	Phosphorylation of serine and threonine residues in a C-terminal autoinhibitory region, stimulates dimerization, transport into the nucleus, assembly with the coactivator CBP/p300 and initiation of transcription. 'Lys-63'-linked polyubiquitination by TRAF6 is required for activation. [UniProt]
Cellular Localization	Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm. [UniProt]

Images



THP-1

ARG41796 anti-IRF5 antibody WB image

Western blot: THP-1 cell lysate stained with ARG41796 anti-IRF5 antibody.