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# Datasheet for ABIN656568 anti-IRF4 antibody (AA 164-191)

2 Images



#### Overview

Quantity:	400 µL
Target:	IRF4
Binding Specificity:	AA 164-191
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

#### Product Details

Immunogen:	This IRF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-191 amino acids from the Central region of human IRF4.
Clone:	RB17417
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

#### Target Details

Target:	IRF4
Alternative Name:	IRF4 (IRF4 Products)

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## Target Details

Background:	The protein encoded by this gene belongs to the IRF (interferon regulatory factor) family of
	transcription factors, characterized by an unique tryptophan pentad repeat DNA-binding
	domain. The IRFs are important in the regulation of interferons in response to infection by virus,
	and in the regulation of interferon-inducible genes. This family member is lymphocyte specific
	and negatively regulates Toll-like-receptor (TLR) signaling that is central to the activation of
	innate and adaptive immune systems. A chromosomal translocation involving this gene and
	the IgH locus, t(6,14)(p25,q32), may be a cause of multiple myeloma. Alternatively spliced
	transcript variants have been found for this gene.

Molecular Weight:	51772
Gene ID:	3662
NCBI Accession:	NP_001182215, NP_002451
UniProt:	Q15306
Pathways:	Chromatin Binding

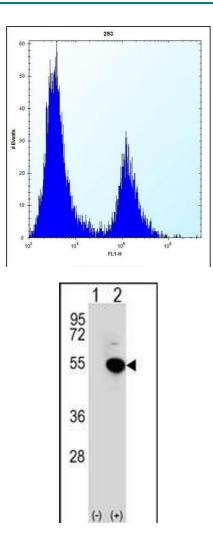
## Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

#### Handling

5	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	IRF4 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

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#### **Flow Cytometry**

**Image 1.** IRF4 Antibody (Center) (ABIN656568 and ABIN2845828) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### Western Blotting

**Image 2.** Western blot analysis of IRF4 (arrow) using rabbit polyclonal IRF4 Antibody (Center) (ABIN656568 and ABIN2845828). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the IRF4 gene.

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