-online.com antibodies

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

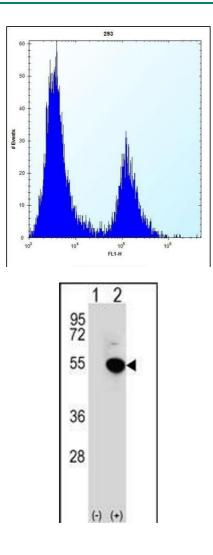
Application Details

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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