

Datasheet for ABIN6391353
anti-IRF4 antibody (AA 393-407)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	IRF4
Binding Specificity:	AA 393-407
Reactivity:	Human, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This IRF4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	IRF4 (aa393-407)
Sequence:	DPQRQRKLIT AHVEP
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

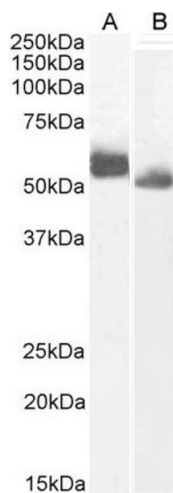
Target:	IRF4
Alternative Name:	IRF4 (IRF4 Products)
Background:	IRF4, interferon regulatory factor 4, LSIRF, MUM1, multiple myeloma oncogene 1
Gene ID:	3662, 16364, 291100
NCBI Accession:	NP_002451 , NP_001182215
Pathways:	Chromatin Binding

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 5 µg/mL. Western Blot: Approx 55 kDa band observed in Human Spleen and approx 52 kDa in Rat Spleen lysates (calculated MW of 51.8 kDa according to Human NP_002451.2 and 51.6 kDa according to Human NP_001182215.1 and Rat NP_001099578.1). Recommended concentration: 0. Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

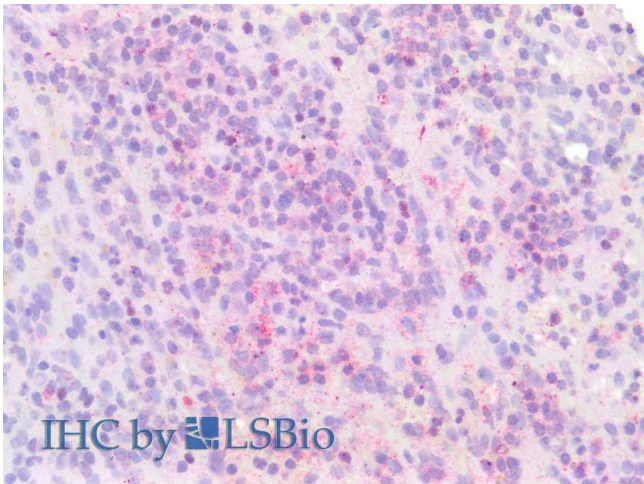
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



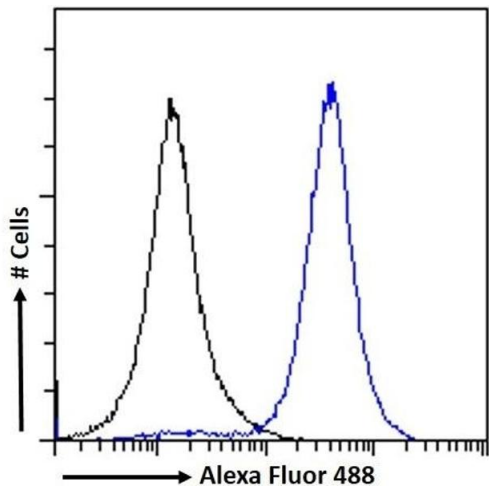
Western Blotting

Image 1. (ABIN6391353) (0.3 µg/mL) staining of Human (A) and (0.1 µg/mL) Rat (B) Spleen lysate (35 µg protein in RIPA buffer).



Immunohistochemistry

Image 2. ABIN6391353 (5µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Flow Cytometry

Image 3. (ABIN6391353) Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) fo