

IRF4 Polyclonal Antibody

Catalog number: 11247-2-AP

Size: 66 µg/150 µl

Source: Rabbit

Isotype: IgG

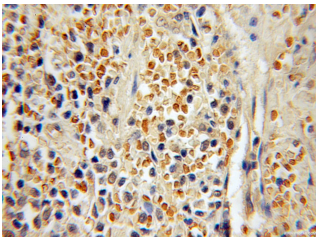
Synonyms:

IRF4; interferon regulatory

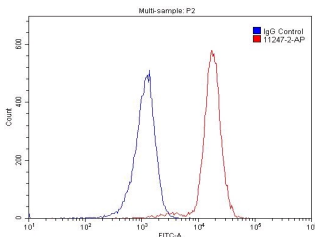
factor 4, IRF 4, IRF4, LSIRF,

Multiple myeloma oncogene 1,

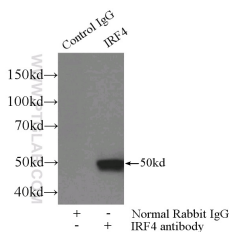
MUM1, NF EM5



Immunohistochemical of paraffin-embedded human lymphoma using 11247-2-AP (IRF4 antibody) at dilution of 1:50 (under 25x lens)



1X10⁶ Raji cells were stained with 0.2µg IRF4 antibody (11247-2-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



IP Result of anti-IRF4 (IP:11247-2-AP, 3µg; Detection:11247-2-AP 1:500) with mouse spleen tissue lysate 4000µg.

Background

Interferon regulatory factor 4 (IRF4) is a member of the IRF family of transcription factors, expressed in most cell types of the immune system. IRF4 is a transcription factor essential for the development of T helper-2 (Th2) cells, IL17-producing Th17 cells, and IL9-producing Th9 cells, as well as dendritic cell (DC). It binds to and activates the interferon-stimulated response element (ISRE) of the MHC class I promoter, and may have a role in ISRE-targeted signal transduction mechanisms specific to lymphoid cells.

Applications

Tested applications:	ELISA, IHC, WB, IP, FC
Species specificity:	Human, Mouse; other species not tested.
Calculated IRF4 MW:	52 kDa
Observed IRF4 MW:	50-52 kDa
Positive WB detected in	Mouse spleen tissue, Jurkat cells, mouse lung tissue, mouse thymus tissue, Raji cells, RAW264.7 cells
Positive IP detected in	Mouse spleen tissue
Positive IHC detected in	Human lymphoma tissue, human tonsillitis tissue
Positive FC detected in	Raji cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 FC: N/A

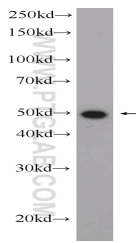
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1762
GenBank accession number:	BC015752
Gene ID (NCBI):	3662
Full name:	Interferon regulatory factor 4

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



mouse spleen tissue were
subjected to SDS PAGE
followed by western blot with
11247-2-AP(IRF4 Antibody)
at dilution of 1:1000