Rabbit IRF3 Monoclonal Antibody | anti-IRF3 antibody

IRF3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30188	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

IRF3; Monoclonal Antibody; IRF3 Antibody; IIAE7 antibody; Interferon regulatory factor 3 antibody; IRF 3 antibody; IRF-3 antibody; IRF3 antibody; IRF3_HUMAN antibody; MGC94729 antibody; anti-IRF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SD2062
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-IRF3 antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-5000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

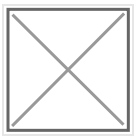
IMAGES

ICC (Immunocytochemistry)
ICC staining IRF3 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

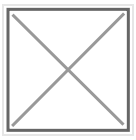
ICC (Immunocytochemistry)
ICC staining IRF3 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-IRF3 antibody. Counter stained with hematoxylin.

IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-IRF3 antibody. Counter stained with hematoxylin.



IHC (Immunohistchemistry)
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-IRF3 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-IRF3 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-IRF3 antibody	Interferon regulatory factor-1 (IRF-1) and IRF-2 have been identified as novel DNA-binding factors that function as regulators of both type I interferon (interferon-alpha and beta) and interferon-inducible genes. The two factors are structurally related, particularly in their N-terminal regions, which confer DNA binding specificity. In addition, both bind to the same sequence within the promoters of interferon-alpha and interferon-beta genes. IRF-1 functions as an activator of interferon transcription, while IRF-2 binds to the same cis elements and represses IRF-1 action. IRF-1 and IRF-2 have been reported to act in a mutually antagonistic manner in regulating cell growth; overexpression of the repressor IRF-2 leads to cell transformation while concomitant overexpression of IRF-1 causes reversion. IRF-1 and IRF-2 are members of a larger family of DNA binding proteins that includes IRF-3, IRF-4, IRF-5, IRF-6, IRF-7, ISGF-3gamma p48 and IFN consensus sequence-binding protein (ICSBP).
Product Categories/Family for anti-IRF3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	308199450
NCBI GeneID	3661
NCBI Accession #	NP_001184053.1
NCBI GenBank Nucleotide #	NM_001197124.1
UniProt Accession #	Q14653; Q5FBY1; A8K7L2
Molecular Weight	47,219 Da
NCBI Official Full Name	interferon regulatory factor 3 isoform 4
NCBI Official Synonym Full Names	interferon regulatory factor 3
NCBI Official Symbol	IRF3
NCBI Protein Information	interferon regulatory factor 3
UniProt Protein Name	Interferon regulatory factor 3
UniProt Gene Name	**IRF3**
UniProt Synonym Gene Names	IRF-3
UniProt Entry Name	IRF3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/irf3-antibody-clone-sd2062-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-flow-cytometry-elisa/30188