

Rabbit STAT2 Monoclonal Antibody | anti-STAT2 antibody

STAT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30268	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry

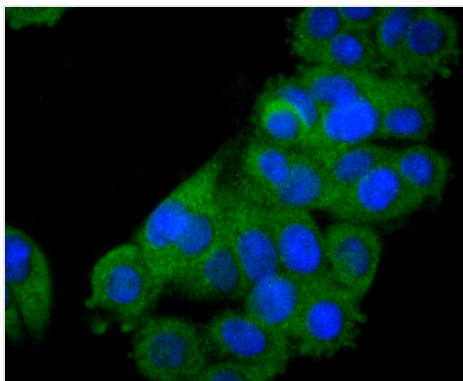
PRODUCT SYNONYMS

STAT2; Monoclonal Antibody; STAT2 Antibody; Homo sapiens interferon alpha induced transcriptional activator antibody; interferon alpha induced transcriptional activator antibody; ISGF 3 antibody; ISGF3 antibody; MGC59816 antibody; P113 antibody; signal transducer and activator of transcription 2 113kD antibody; Signal transducer and activator of transcription 2 antibody; STAT113 antibody; Stat2 antibody; STAT2_HUMAN antibody; anti-STAT2 antibody

PRODUCT SPECIFICATIONS

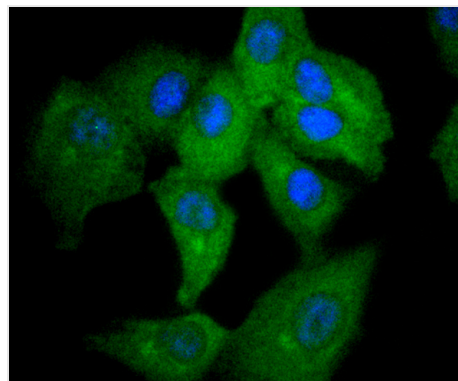
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JF0884
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-STAT2 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50-1:200
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



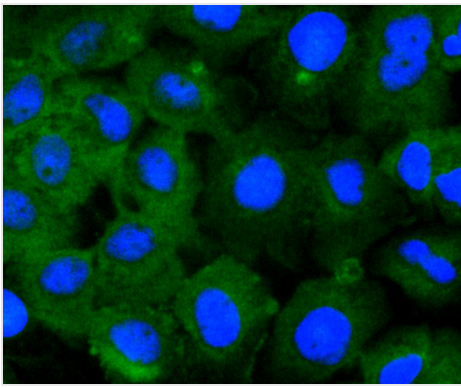
ICC (Immunocytochemistry)

ICC staining STAT2 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



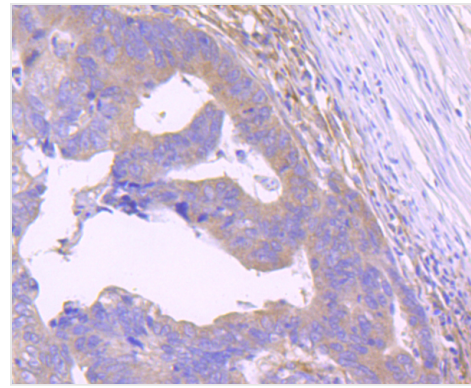
ICC (Immunocytochemistry)

ICC staining STAT2 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



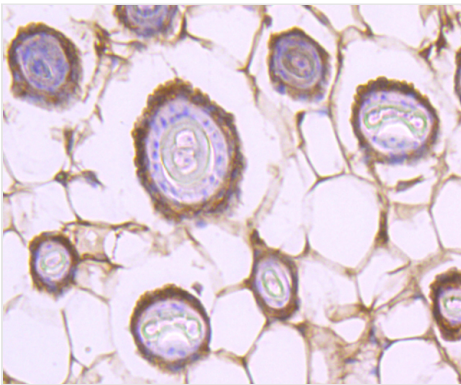
ICC (Immunocytochemistry)

ICC staining STAT2 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



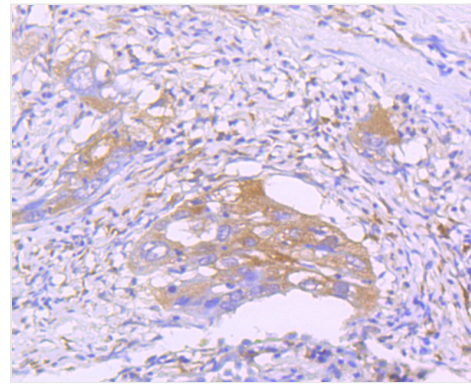
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-STAT2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse skin tissue using anti-STAT2 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-STAT2 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-STAT2 antibody	Membrane receptor signaling by various ligands, including interferons and growth hormones such as EGF, induces activation of Jak kinases which then leads to tyrosine phosphorylation of the various Stat transcription factors. Stat1 and Stat2 are induced by IFN- α and form a heterodimer which is part of the ISGF3 transcription factor complex. Although early reports indicate Stat3 activation by EGF and IL-6, it has been shown that Stat3 β appears to be activated by both while Stat3 α is activated by EGF, but not by IL-6. Highest expression of Stat4 is seen in testis and myeloid cells. IL-12 has been identified as an activator of Stat4. Stat5 has been shown to be activated by prolactin and by IL-3. Stat6 is involved in IL-4 activated signaling pathways.
Product Categories/Family for anti-STAT2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885615
NCBI GeneID	6773
NCBI Accession #	NP_005410.1
NCBI GenBank Nucleotide #	NM_005419.3
UniProt Accession #	P52630; Q16430; Q16431; Q9UDL4
Molecular Weight	97,916 Da
NCBI Official Full Name	signal transducer and activator of transcription 2 isoform 1
NCBI Official Synonym Full Names	signal transducer and activator of transcription 2, 113kDa

NCBI Official Symbol	STAT2
NCBI Official Synonym Symbols	P113; ISGF-3; STAT113
NCBI Protein Information	signal transducer and activator of transcription 2; interferon alpha induced transcriptional activator
UniProt Protein Name	Signal transducer and activator of transcription 2
UniProt Gene Name	STAT2
UniProt Entry Name	STAT2_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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/stat2-antibody-clone-jf0884-western-blot-immunocytochemistry-immunohistochemistry-elisa/30268>