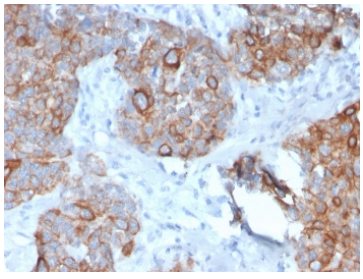
STAT2 Antibody [clone STAT2/2650] (V8104)

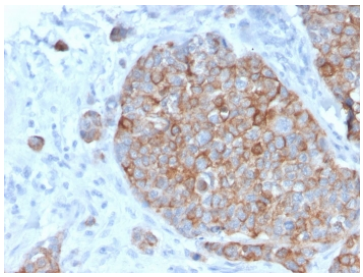
Catalog No.	Formulation	Size
V8104-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8104-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8104SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

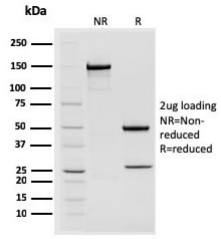
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	STAT2/2650
Purity	Protein G affinity chromatography
UniProt	P52630
Localization	Cell surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This STAT2 antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma with STAT2 antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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SDS-PAGE analysis of purified, BSA-free STAT2 antibody as confirmation of integrity and purity.

Description

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- 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.

Application Notes

Optimal dilution of the STAT2 antibody should be determined by the researcher.

Immunogen

A recombinant full-length human protein was used as the immunogen for this STAT2 antibody.

Storage

Store the STAT2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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