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Product Data Sheet

Phospho-STAT1 pTyr701 Antibody (F.747.9)

(This product has been discontinued.)

Tested Species Reactivity
Human (Hu)
Mouse (Ms)

Tested Applications	Dilution *
Western Blot (WB)	1:1000
Immunofluorescence (IF)	1:400
Immunohistochemistry (Frozen) (IHC (F))	1:200
Immunohistochemistry (Paraffin) (IHC (P))	1:400
Flow Cytometry (FACS)	1:200
Immunoprecipitation (IP)	1:100
ChIP assay (ChIP)	1:100

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
Catalog Number:	MA5-11190
Size:	100 ul
Class:	Monoclonal
Type:	Antibody
Clone:	F.747.9
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic phospho-peptide (KLH-coupled) corresponding to residues surrounding Tyr701 of human Stat1.

Form Information	
Form:	Liquid
Purification:	Affinity chromatography
Storage Buffer:	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative:	<0.02% sodium azide
Storage Conditions:	-20° C, Avoid Freeze/Thaw Cycles

Product Specific Information

Anti-Phospho-Stat1 (Tyr701) Monoclonal Antibody MA5-11190 has been tested and validated in use for Western Blot, Immunoprecipitation, Immunohistochemistry (Parrafin), Immunohistochemistry (Frozen), Immunoflourescence, Flow Cytometery, and ChIP applications.

A molecular weight of approximately 84 and 91 kDa are expected.

General Information

The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. Two alternatively spliced transcript variants encoding distinct isoforms have been described. A molecular weight of approximately 84 and 91 kDa are expected.

This product is for In Vitro experimental use only. Not for resale without express authorization.

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