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[Primary Antibody]

Recombinant Rabbit Anti-STAT1 (p-Y701) Monoclonal Antibody

Catalog Number: SLA2991M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	4F11
GeneID:	6772
SWISS:	P42224
Target:	STAT1 (p-Y701)
Immunogen:	A synthesized peptide derived from human STAT1 around the phosphorylation site of Y701
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:1000-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	87 kDa
Background:	Following type I IFN (IFN-alpha and IFN-beta) binding to cell surface receptors, signaling via protein kinases leads to activation of Jak kinases (TYK2 and JAK1) and to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize and associate with ISGF3G/IRF-9 to form a complex termed ISGF3 transcription factor, that enters the nucleus.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.