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**Product Name: STAT1 Rabbit Monoclonal Antibody****Catalog #: AMRe87478**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,FC,IP
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.15mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:1000-1:5000,FC 1:200-1:500,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW:87 kDa; Observed MW:87 kDa

**Antigen Information**

<b>Gene Name</b>	STAT1
<b>Alternative Names</b>	CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91
<b>Gene ID</b>	6772
<b>SwissProt ID</b>	P42224
<b>Immunogen</b>	Recombinant protein of human STAT1

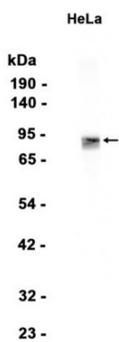
**Background**

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. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from HeLa cells using STAT1 Rabbit Monoclonal Antibody at 1:1000.