

## Summary

<b>Production Name</b>	STAT1 Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB, ICC/IF, FC, IP
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

## Immunogen

<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.

## Application

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

## Background

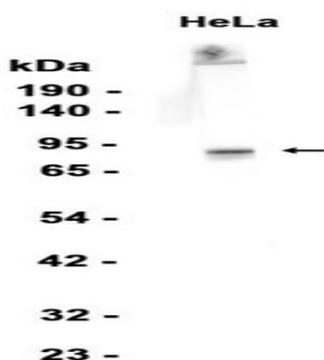
**Product Name: STAT1 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe87479**



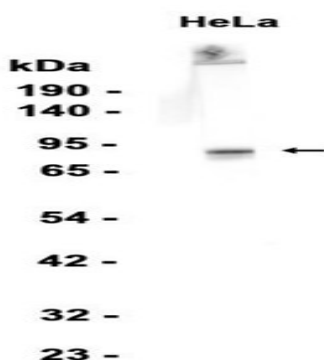
The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. 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



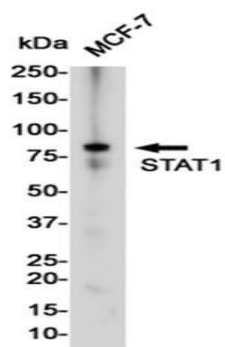
Western blot analysis of extracts from HeLa cells using AMRe87479 at 1:1000.



Western blot analysis of extracts from MCF-7 cells using AMRe87479 at 1:1000.

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Western blot analysis of extracts from Jurkat cells and Mouse liver tissue using AMRe87479 at 1:1000.

### **Note**

For research use only.