

## STAT4 Rabbit mAb

Catalog No: #52867

Package Size: #52867-1 50ul #52867-2 100ul

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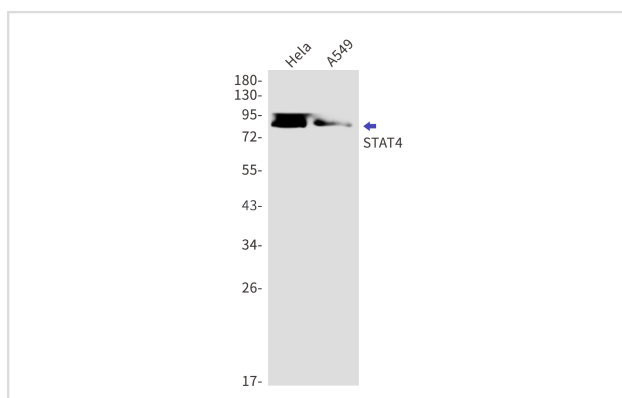
## Description

Product Name	STAT4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S02-1C1
Isotype	IgG
Purification	Affinity Purified
Applications	WB IHC
Species Reactivity	Human
Immunogen Description	A synthetic peptide of human STAT4
Conjugates	Unconjugated
Modification	Unmodification
Other Names	SLEB11
Accession No.	Swiss-Prot:Q14765GeneID:6775
Uniprot	Q14765
GeneID	6775
Calculated MW	Calculated MW:86 kDa,Observed MW:86 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

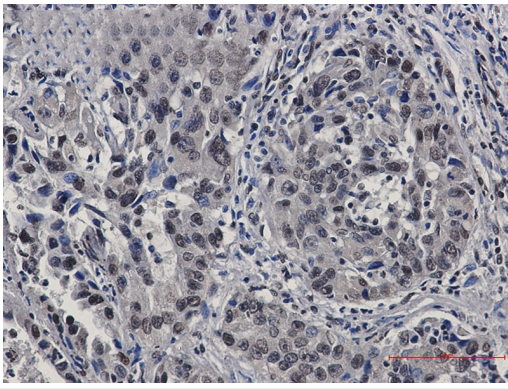
## Application Details

WB: 1/1000 IHC: 1/50

## Images



Western blot detection of STAT4 in HeLa,A549 cell lysates using STAT4 Rabbit mAb(1:1000 diluted).Predicted band size:86kDa.Observed band size:86kDa.



Immunohistochemistry of STAT4 in paraffin-embedded Human lung cancer tissue using STAT4 Rabbit mAb at dilution 1/50

## Background

The protein encoded by this gene is a member of the STAT family of transcription factors. 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 is essential for mediating responses to IL12 in lymphocytes, and regulating the differentiation of T helper cells. Mutations in this gene may be associated with systemic lupus erythematosus and rheumatoid arthritis. Alternate splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Aug 2011]

Note: This product is for in vitro research use only