

Product Name: STAT4 Rabbit Monoclonal Antibody**Catalog #: AMRe83845**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ICC,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.38mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50
Molecular Weight	86 kDa

Antigen Information

Gene Name	STAT4
Alternative Names	Signal transducer and activator of transcription 4; Stat-4; Stat 4;;STAT4
Gene ID	
SwissProt ID	Q14765
Immunogen	A synthesized peptide derived from human STAT4

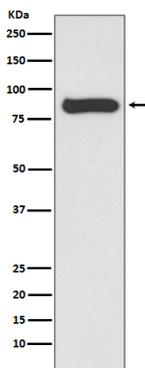
Background

Transcriptional regulator mainly expressed in hematopoietic cells that plays a critical role in cellular growth, differentiation and

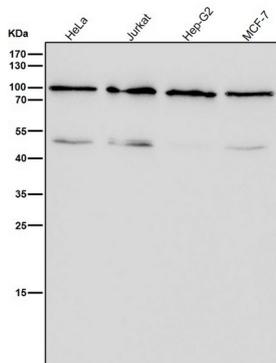
immune response .Plays a key role in the differentiation of T-helper 1 cells and the production of interferon-gamma.Participates also in multiple neutrophil functions including chemotaxis and production of the neutrophil extracellular traps (By similarity).After IL12 binding to its receptor IL12RB2, STAT4 interacts with the intracellular domain of IL12RB2 and becomes tyrosine phosphorylated.

Research Area

Image Data



Western blot analysis of STAT4 expression in HeLa cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.