

Product Name: STAT3 (6H10) Mouse Monoclonal Antibody
Catalog #: AMM03617

Summary

Production Name	STAT3 (6H10) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,IHC-P
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	STAT3
Alternative Names	STAT3; APRE; Signal transducer and activator of transcription 3; Acute-phase response factor
Gene ID	6774
SwissProt ID	P40763

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100
Molecular Weight	Calculated MW: 88 kDa; Observed MW: 79,86 kDa

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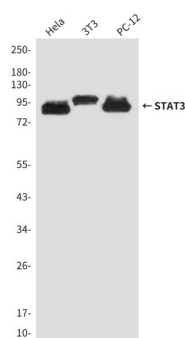
Background

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.

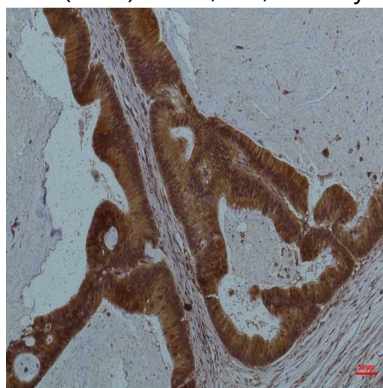
Research Area

Signal Transduction

Image Data

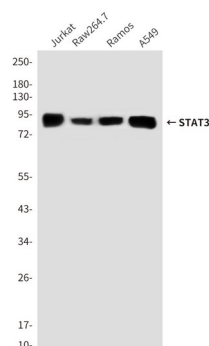


Western blot analysis of STAT3 (6H10) in HeLa, 3T3, PC-12 lysates using STAT3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma using STAT3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Western blot analysis of STAT3 (6H10) in Jurkat, Raw264.7, Ramos, A549 lysates using Stat3 (6H1) antibody.

Note

For research use only.