

Product Name: STAT3 (4C8) Mouse Monoclonal Antibody
Catalog #: AMM03858

Summary

Production Name	STAT3 (4C8) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat,Monkey,Hamster

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
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% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	STAT3
Alternative Names	STAT3; APRF; 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
Molecular Weight	Calculated MW: 88 kDa; Observed MW: 88 kDa

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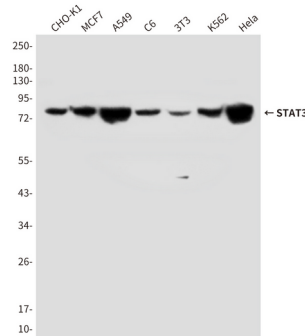
Background

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 in CHO-K1, MCF7, A549, C6, 3T3, K562 and HeLa lysates using STAT3 antibody.

Note

For research use only.