

**Product Name: Phospho-STAT3 (Tyr705) (5E9) Mouse  
Monoclonal Antibody  
Catalog #: AMM00750**

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## Summary

<b>Production Name</b>	Phospho-STAT3 (Tyr705) (5E9) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC-P
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Phosphorylated
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<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>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

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

## Application

<b>Dilution Ratio</b>	IHC: 1/50-1/100
<b>Molecular Weight</b>	-

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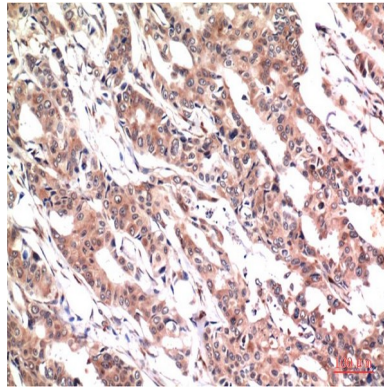
## **Background**

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**



Immunohistochemistry analysis of paraffin-embedded Human Breast Carcinoma Tissue using Phospho-STAT3 (Tyr705) (5E9) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## **Note**

For research use only.