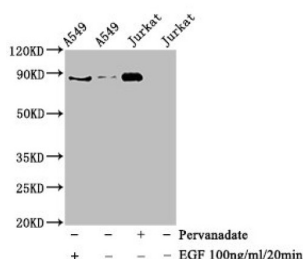


# Signal Transducer and Activator of Transcription 3 Phospho-Tyr705 (STAT3 pY705) Antibody

Catalogue No.: abx243003



## Western Blot

Positive WB detected in: A549 whole cell lysate, Jurkat whole cell lysate (treated with EGF or Pervanadate)

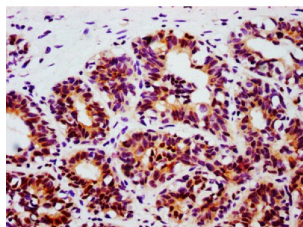
All lanes: Phospho-STAT3 antibody at 0.925 µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 88 KDa

Observed band size: 88 KDa



Immunohistochemistry analysis of STAT3 (pTyr705) Antibody diluted at 1/100 and staining in paraffin-embedded human breast cancer. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

STAT3 (pTyr705) Antibody is a Monoclonal Antibody against STAT3.

**Target:** Signal Transducer and Activator of Transcription 3 Phospho-Tyr705 (STAT3 pY705)

**Clonality:** Monoclonal

**Target Modification:** Tyr705

**Modification:** Phosphorylation

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/5000, IHC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** A synthesized peptide derived from human Phospho-STAT3 (Tyr705).

# Datasheet

Version: 2.0.0

Revision date: 13 Sep 2025



<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P40763 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>KEGG:</b>	hsa:6774
<b>String:</b>	<a href="#">9606.ENSP00000264657</a>
<b>Buffer:</b>	PBS, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only