

## STAT3(Phospho Y705) Mouse Monoclonal Antibody(1E9)

Catalog TDY609C TDY609F

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Quantity 50μL 100μL

Entrez-Gene ID#6774 , Swiss-Prot Acc.#P40763

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB,IHC	H	79,86KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C. Do not aliquot the antibody.**

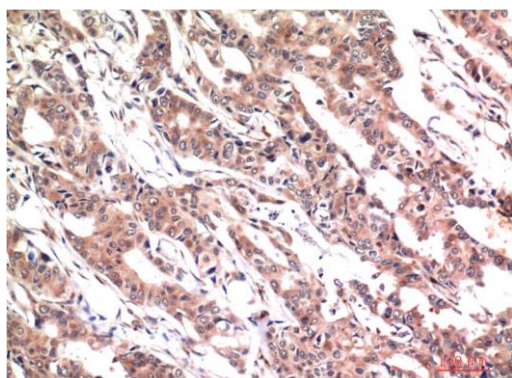
**Recommended dilutions:** WB: 1:500-2000 IHC: 1:100-200

**Optimal dilutions should be determined by the end user.**

**Specificity:** Antibody can detects endogenous Phospho Y705 STAT3 protein.

**Alternative Names:** APRF antibody, HIES antibody, Signal transducer and activator of transcription 3 antibody

**Background:** Signal transducer and activator of transcription 3, also known as STAT3, is a transcription factor which in humans is encoded by the *STAT3* gene. Stat3 is constitutively activated in a number of human tumors and possesses oncogenic potential and anti-apoptotic activities.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using phospho-Stat3 Y705 (TDY609) Mouse mAb diluted at 1:200.



Western blot analysis of 1) Hela Cell Lysate, 2) Hela+IFN Cell Lysate using phospho-Stat3 Y705 (TDY609) Mouse mAb diluted at 1:1000.