

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

Catalog No: RA10128

Basic Information

Host species	Mouse
Applications	IHC
Species Cross-Reactivity	H
Specificity	Antibody can detects endogenous Phospho Y705 STAT3 protein.
Recommended dilutions	IHC: 1:100-200 Optimal dilutions should be determined by the end user.

Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

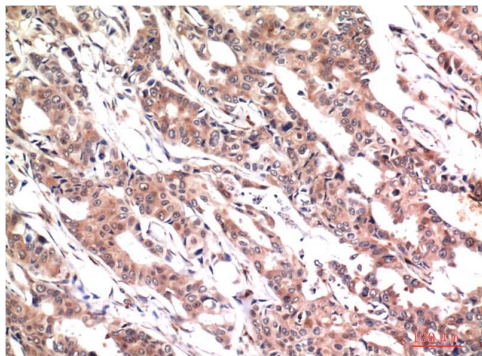
Background

Alternative Names	APRF antibody, HIES antibody, Signal transducer and activator of transcription 3 antibody
Observed band	79,86
Human Gene ID	6774
Human Swiss-Prot Number	P40763
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.

Selected Validation Data



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



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