

## Stat5 (Phospho-Tyr694) Conjugated Antibody

Catalog No: #C14172



Package Size: #C14172-AF350 100ul #C14172-AF405 100ul #C14172-AF488 100ul  
 #C14172-AF555 100ul #C14172-AF594 100ul #C14172-AF647 100ul  
 #C14172-AF680 100ul #C14172-AF750 100ul #C14172-Biotin 100ul

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## Description

Product Name	Stat5 (Phospho-Tyr694) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse
Specificity	Phospho-Stat5 (Y694) Antibody detects endogenous levels of total Phospho-Stat5 (Y694)
Immunogen Description	A synthesized peptide derived from human Phospho-Stat5 (Y694)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Signal transducer and activator of transcription 5A; STAT5; STAT5A; STAT5B; Transcription factor STAT5A; Transcription factor STAT5B; MGF;
Accession No.	Uniprot:P42229/P51692
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	90kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Product Description

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Stat5 is activated in response to a wide variety of ligands including IL-2, GM-CSF, growth hormone and prolactin. Phosphorylation at Tyr694 is obligatory for Stat5 activation. This phosphorylation is mediated by Src upon erythropoietin stimulation. Stat5 is constitutively active in some leukemic cell types.

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Note: This product is for in vitro research use only