c-Myc(Phospho-S62) Conjugated Antibody

Catalog No: #C13375

Package Size: #C13375-AF350 100ul #C13375-AF405 100ul #C13375-AF488 100ul #C13375-AF555 100ul #C13375-AF594 100ul #C13375-AF647 100ul #C13375-AF680 100ul #C13375-AF750 100ul #C13375-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	c-Myc(Phospho-S62) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CANDF7 antibody DKFZp686B04100 antibody ISGF 3 antibody ISGF3 antibody OTTHUMP00000163552 antibody OTTHUMP00000165046 antibody OTTHUMP00000165047 antibody OTTHUMP00000205845 antibody Signal transducer and activator of transcription 1 antibody Signal transducer and activator of transcription 1, 91kDa antibody Signal transducer and activator of transcription 1-alpha/beta antibody Stat1 antibody STAT1_HUMAN antibody STAT91 antibody Transcription factor ISGF-3 components p91/p84 antibody
Accession No.	Swiss-Prot#:P42224
Uniprot	P42224
GeneID	6772;
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	87
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
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

Background

Membrane receptor signaling by various ligands, including interferons and growth hormones such as EGF, induces activation of JAK kinases which then leads to tyrosine phosphorylation of the various Stat transcription factors. Stat1 and Stat2 are induced by IFN-α and form a heterodimer which is part of the ISGF3 transcription factor complex. Although early reports indicate Stat3 activation by EGF and IL-6, it has been shown that Stat3β appears to be activated by both while Stat3α is activated by EGF, but not by IL-6. Highest expression of Stat4 is seen in testis and myeloid cells. IL-12 has been identified as an activator of Stat4. Stat5 has been shown to be activated by Prolactin and by IL-3. Stat6 is involved in IL-4 activated signaling pathways.

Note: This product is for in vitro research use only