

STAT1(Phospho-S727) Conjugated Antibody

Catalog No: #C13392



Package Size: #C13392-AF350 100ul #C13392-AF405 100ul #C13392-AF488 100ul
 #C13392-AF555 100ul #C13392-AF594 100ul #C13392-AF647 100ul
 #C13392-AF680 100ul #C13392-AF750 100ul #C13392-Biotin 100ul

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

Description

Product Name	STAT1(Phospho-S727) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Ser78 of human Hsp27.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Heat shock 27kDa protein antibody 28 kDa heat shock protein antibody CMT2F antibody DKFZp586P1322 antibody epididymis secretory protein Li 102 antibody Estrogen regulated 24 kDa protein antibody Estrogen-regulated 24 kDa protein antibody Heat shock 25kDa protein 1 antibody Heat shock 27 kDa protein antibody Heat shock 27kD protein 1 antibody Heat shock 27kDa protein 1 antibody Heat shock 28kDa protein 1 antibody Heat Shock Protein 27 antibody Heat shock protein beta 1 antibody Heat shock protein beta-1 antibody heat shock protein family B (small) member 1 antibody HEL-S-102 antibody HMN2B antibody HS.76067 antibody Hsp 25 antibody HSP 27 antibody Hsp 28 antibody Hsp B1 antibody Hsp25 antibody HSP27 antibody Hsp28 antibody HspB1 antibody HSPB1_HUMAN antibody SRP27 antibody Stress responsive protein 27 antibody Stress-responsive protein 27 antibody
Accession No.	Swiss-Prot#:P04792
Uniprot	P04792
GeneID	3315;
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	27
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

HSP 27 is a constitutively expressed cytoplasmic protein that co-localizes to the nucleus upon stress-induced insult. Heat shock, cytokines and hormones are among the factors that stimulate the synthesis of HSP 27. The intracellular concentration of the mammalian heat shock protein, HSP 27, increases several-fold after heat shock and other metabolic stresses, and is closely associated with the acquisition of thermotolerance. MAP kinase-activated protein kinase-2 phosphorylates HSP 27 on Serine residues Ser 15, Ser 78 and Ser 82, which are phosphorylated in vivo in response to growth factors and heat shock. Ser 15, Ser 78 and Ser 82 occur in the sequence motif RXXS, which is recognized by ribosomal protein S6 kinase II.

Note: This product is for in vitro research use only