

MSK1(Phospho-phospho S376) Conjugated Antibody

Catalog No: #C13389



Package Size: #C13389-AF350 100ul #C13389-AF405 100ul #C13389-AF488 100ul
 #C13389-AF555 100ul #C13389-AF594 100ul #C13389-AF647 100ul
 #C13389-AF680 100ul #C13389-AF750 100ul #C13389-Biotin 100ul

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

Description

Product Name	MSK1(Phospho-phospho S376) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	70kDa antibody Hcp70.2 antibody Heat shock 70 kDa protein 2 antibody Heat shock protein 2 antibody Heat shock protein 70.2 antibody Heat shock related 70 kDa protein 2 antibody Heat shock-related 70 kDa protein 2 antibody Heat-shock protein, 70-KD, 2 antibody Heat-shock protein, 70-KD, 3 antibody HSP70 2 antibody HSP70 3 antibody Hsp70-2 antibody HSP70-3 antibody HSP70.2 antibody HSP70A2 antibody HSP72 antibody HSP72_HUMAN antibody HSPA2 antibody Hspt70 antibody Hst70 antibody MGC58299 antibody MGC7795 antibody MGC93458 antibody OTTHUMP00000180664 antibody Testis-specific heat shock protein-related antibody
Accession No.	Swiss-Prot#:P54652
Uniprot	P54652
GeneID	3306;
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	70
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

HSPA2(heat shock 70kDa protein 2) also known as HEAT-SHOCK PROTEIN, 70-KD, 2, HSP70-2, HEAT-SHOCK PROTEIN, 70-KD, 3 or HSP70-3. Analysis of the sequence indicated that HSPA2 is the human homolog of the murine Hsp70-2 gene, with 91.7% identity in the nucleotide coding sequence and 98.2% in the corresponding amino acid sequence.HSPA2 has less amino acid homology to the other members of the human HSP70 gene family. HSPA2 is constitutively expressed in most tissues, with very high levels in testis and skeletal muscle. The HSPA2 gene is located on chromosome 14q22-q24. Immunohistochemical analysis detected weak expression of HSPA2 in spermatocytes and stronger expression in spermatids and in the tail of mature sperm. HSPA2 may be critical to sperm maturation through its role as a protein chaperone.

Note: This product is for in vitro research use only