Hsp105 Conjugated Antibody

Catalog No: #C49203

Package Size: #C49203-AF350 100ul #C49203-AF405 100ul #C49203-AF488 100ul #C49203-AF555 100ul #C49203-AF594 100ul #C49203-AF647 100ul #C49203-AF680 100ul #C49203-AF750 100ul #C49203-Biotin 100ul

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

Description

Product Name	Hsp105 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	Antigen NY CO 25 antibody Antigen NY-CO-25 antibody DKFZp686M05240 antibody Heat shock 105kD alpha antibody Heat shock 105kD antibody Heat shock 105kD beta antibody Heat shock 105kDa protein 1 antibody Heat shock 105kDa protein antibody Heat shock 105kDa/110kDa protein 1 antibody Heat shock 110 kDa protein antibody Heat shock 110kDa protein antibody Heat shock protein 105 kDa antibody HS105_HUMAN antibody HSP105 antibody HSP105A antibody HSP105B antibody HSP110 antibody HSPH 1 antibody Hsph1 antibody KIAA0201 antibody NY CO 25 antibody
Accession No.	Swiss-Prot#:Q92598
Uniprot	Q92598
GeneID	10808;
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	105 kDa
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

The heat shock proteins (HSPs) comprise a group of highly conserved, abundantly expressed proteins with diverse functions, including the assembly and sequestering of multiprotein complexes, transportation of nascent poly-peptide chains across cellular membranes and regulation of protein folding. Heat shock proteins (also known as molecular chaperones) fall into six general families: HSP 90, HSP 70, HSP 60, the low molecular weight HSPs, the immunophilins and the HSP 110 family. The HSP 110 family (also known as the HSP 105 family) is composed of HSP 105, Apg-1 and Apg-2. HSP 105 is a testis-specific and HSP 90-related protein. Research indicates that HSP 105 is specifically localized in the germ cells and may translocate into the nucleus after heat shock. It is suggested that HSP 105 may contribute to the stabilization of p53 proteins in the cytoplasm of the germ cells, preventing the potential induction of apoptosis by p53.

Note: This product is for in vitro research use only