

HSP10 Conjugated Antibody

Catalog No: #C33405



Package Size: #C33405-AF350 100ul #C33405-AF405 100ul #C33405-AF488 100ul
 #C33405-AF555 100ul #C33405-AF594 100ul #C33405-AF647 100ul
 #C33405-AF680 100ul #C33405-AF750 100ul #C33405-Biotin 100ul

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Description

Product Name	HSP10 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total HSP10 protein.
Immunogen Description	Synthesized peptide derived from human HSP10.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CHAPERONIN 10 HOMOLOG;GroES HOMOLOG;HEAT-SHOCK 10-KD PROTEIN;cpn10 HOMOLOG;heat shock 10kDa protein 1 (chaperonin 10)
Accession No.	Swiss-Prot#:P61604NCBI Gene ID:3336
Uniprot	P61604
GeneID	3336;
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	10
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

Product Description

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Background

Eukaryotic CPN10 homolog which is essential for mitochondrial protein biogenesis, together with CPN60. Binds to CPN60 in the presence of Mg-ATP and suppresses the ATPase activity of the latter. HAMAP-Rule MF_00580

Note: This product is for in vitro research use only