

Cpn10 Conjugated Antibody

Catalog No: #C49935



Package Size: #C49935-AF350 100ul #C49935-AF405 100ul #C49935-AF488 100ul
 #C49935-AF555 100ul #C49935-AF594 100ul #C49935-AF647 100ul
 #C49935-AF680 100ul #C49935-AF750 100ul #C49935-Biotin 100ul

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Description

Product Name	Cpn10 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human Cpn10 aa 1-150.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	10 kDa chaperonin antibody 10 kDa heat shock protein mitochondrial antibody 10 kDa heat shock protein, mitochondrial antibody CH10_HUMAN antibody Chaperonin 10 antibody Chaperonin 10 homolog antibody CPN10 antibody cpn10 homolog antibody Early pregnancy factor antibody Early-pregnancy factor antibody EPF antibody GROES antibody GroES homolog antibody Heat shock 10kD protein 1 chaperonin 10 antibody Heat shock 10kDa protein 1 antibody Heat shock 10kDa protein 1 chaperonin 10 antibody Heat shock protein family E (Hsp10) member antibody Heat-shock 10-kD protein antibody Hsp10 antibody Hspe1 antibody
Accession No.	Swiss-Prot#:P61604
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	11 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 low molecular weight family includes HSP 10, HSP 20, HSP 27, HSP 32 and HSP 40. HSP 10, a 102 amino acid protein, forms a heptameric ring of seven identical subunits. This ring binds at either end of HSP 60 to form a functional heterodimer.

Note: This product is for in vitro research use only