GRP78 Conjugated Antibody

Catalog No: #C33395

Package Size: #C33395-AF350 100ul #C33395-AF405 100ul #C33395-AF488 100ul #C33395-AF555 100ul #C33395-AF594 100ul #C33395-AF647 100ul #C33395-AF680 100ul #C33395-AF750 100ul #C33395-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	GRP78 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total GRP78 protein.
Immunogen Description	Synthesized peptide derived from human GRP78.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BIP;GLUCOSE-REGULATED PROTEIN 78-KD;HEAT-SHOCK 70-KD PROTEIN 5;IMMUNOGLOBULIN HEAVY CHAIN-BINDING PROTEIN;heat shock 70kDa protein 5 (glucose-regulated protein
Accession No.	Swiss-Prot#:P11021NCBI Gene ID:3309
Uniprot	P11021
GeneID	3309;
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	75
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

Probably plays a role in facilitating the assembly of multimeric protein complexes inside the endoplasmic reticulum. Involved in the correct folding of proteins and degradation of misfolded proteins via its interaction with DNAJC10, probably to facilitate the release of DNAJC10 from its substrate.

Note: This product is for in vitro research use only