

Asparagine synthetase Conjugated Antibody

Catalog No: #C48965



Package Size: #C48965-AF350 100ul #C48965-AF405 100ul #C48965-AF488 100ul
#C48965-AF555 100ul #C48965-AF594 100ul #C48965-AF647 100ul
#C48965-AF680 100ul #C48965-AF750 100ul #C48965-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Asparagine synthetase 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	asnS antibody ASNS_HUMAN antibody ASNSD antibody Asparagine synthetase [glutamine-hydrolyzing] antibody Asparagine synthetase antibody Cell cycle control protein TS11 antibody Glutamine dependent asparagine synthetase 3 antibody Glutamine dependent asparagine synthetase antibody Glutamine hydrolyzing antibody Glutamine-dependent asparagine synthetase antibody OTTHUMP00000024510 antibody OTTHUMP00000204938 antibody OTTHUMP00000204939 antibody OTTHUMP00000204940 antibody OTTHUMP00000204941 antibody OTTHUMP00000204942 antibody TS11 antibody TS11 cell cycle control protein antibody
Accession No.	Swiss-Prot#:P08243
Uniprot	P08243
GeneID	440;
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	61 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

Glutamine-hydrolyzing asparagine synthetase is also commonly designated cell cycle control protein TS11. Asparagine synthetase plays an important role in the amino-acid biosynthesis pathway and is also important for L-asparagine biosynthesis. Via the L-glutamine route, it is involved in the synthesis of L-asparagine from L-aspartate. The protein contains one asparagine synthetase domain and one type-2 glutamine amidotransferase domain. The cell-cycle regulated gene encoding for asparagine synthetase, ts11, is necessary for G1 progression.

Note: This product is for in vitro research use only