

CTAG1A/B Conjugated Antibody

Catalog No: #C37512



Package Size: #C37512-AF350 100ul #C37512-AF405 100ul #C37512-AF488 100ul
 #C37512-AF555 100ul #C37512-AF594 100ul #C37512-AF647 100ul
 #C37512-AF680 100ul #C37512-AF750 100ul #C37512-Biotin 100ul

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 Support: tech@signalwayantibody.com

Description

Product Name	CTAG1A/B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CTAG1A/B protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Cancer/testis antigen 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CTAG, CTAG1, ESO1, LAGE2, LAGE2A/CTAG1B
Accession No.	Swiss-Prot#:P78358NCBI Gene ID:246100/1485NCBI Protein#:NP_150094
Uniprot	P78358
GeneID	1485;246100;
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
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 protein encoded by this gene is an antigen that is overexpressed in many cancers but that is also expressed in normal testis. This gene is found in a duplicated region of the X-chromosome and therefore has a neighboring gene of identical sequence. Expressed in testis and ovary and in a wide variety of cancers. Detected in uterine myometrium. Expressed from 18 weeks until birth in human fetal testis. In the adult testis, is strongly expressed in spermatogonia and in primary spermatocytes, but not in post-meiotic cells or in testicular somatic cells (at protein level).

Note: This product is for in vitro research use only