

BAGE2 Conjugated Antibody

Catalog No: #C43843



Package Size: #C43843-AF350 100ul #C43843-AF405 100ul #C43843-AF488 100ul
 #C43843-AF555 100ul #C43843-AF594 100ul #C43843-AF647 100ul
 #C43843-AF680 100ul #C43843-AF750 100ul #C43843-Biotin 100ul

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Description

Product Name	BAGE2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total BAGE2 protein.
Immunogen Description	Synthetic peptide of human BAGE2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CT2.2
Accession No.	Swiss-Prot#:Q86Y30NCBI Gene ID:85319NCBI mRNA#:NCBI Protein#:
Uniprot	Q86Y30
GeneID	85319;
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	12
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

Members of the BAGE gene family encode antigens that are recognized by cytotoxic T lymphocytes and are also known as CT (cancer/testis) antigens. Generated by juxtacentromeric shuffling of the MLL3 gene, the ancestral BAGE gene was expanded by acrocentric exchanges and/or juxtacentromeric movements. Generally, BAGE proteins are silent in all normal tissues with the exception of testis. BAGE2 and BAGE 3 (B melanoma antigen 2 and 3, respectively), also known as Cancer/testis antigen 2.2 and 2.3 (respectively), are 109 amino acid secreted proteins that are expressed in 22% of melanomas, lung and bladder carcinomas, and are also expressed in normal testis tissue. Like the genes encoding MAGE proteins, BAGE genes are most likely silenced by DNA methylation and/or chromatin compaction in normal tissues other than testis.

Note: This product is for in vitro research use only