

MAGEB5 Conjugated Antibody

Catalog No: #C43750



Package Size: #C43750-AF350 100ul #C43750-AF405 100ul #C43750-AF488 100ul
 #C43750-AF555 100ul #C43750-AF594 100ul #C43750-AF647 100ul
 #C43750-AF680 100ul #C43750-AF750 100ul #C43750-Biotin 100ul

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Description

Product Name	MAGEB5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MAGEB5 protein.
Immunogen Description	Synthetic peptide of human MAGEB5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CT3.3;MAGE-B5
Accession No.	Swiss-Prot#:Q9BZ81NCBI Gene ID:347541NCBI Protein#:NP_001258681
Uniprot	Q9BZ81
GeneID	347541;
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 melanoma-associated antigen (MAGE) family consists of a number of antigens recognized by cytotoxic T lymphocytes. The MAGE genes were initially isolated from different kinds of tumors and, based on their virtually exclusive tumor-specific expression in adult tissues, they have been used as targets for cancer immunotherapy. MAGE genes encode for tumor-rejection antigens that are expressed in tumors of different histologic types and in normal testis and placenta. MAGE-B5 (melanoma-associated antigen B5), also known as CT3.3 (cancer/testis antigen 3.3), is a 275 amino acid protein that contains one MAGE domain and is expressed in testis. The gene encoding MAGE-B5 maps to human chromosome X, which consists of about 153 million base pairs and nearly 1,000 genes. Color blindness, hemophilia and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently, as males carry a single X chromosome.

Note: This product is for in vitro research use only