DMBT1 Conjugated Antibody

Catalog No: #C43396

Package Size: #C43396-AF350 100ul #C43396-AF405 100ul #C43396-AF488 100ul #C43396-AF555 100ul #C43396-AF594 100ul #C43396-AF647 100ul #C43396-AF680 100ul #C43396-AF750 100ul #C43396-Biotin 100ul

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Description

Product Name	DMBT1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DMBT1 protein.
Immunogen Description	Synthetic peptide of human DMBT1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GP340; muclin
Accession No.	Swiss-Prot#:Q9UGM3NCBI Gene ID:1755NCBI mRNA#:NP_060049
Uniprot	Q9UGM3
GeneID	1755;
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

Loss of sequences from human chromosome 10q has been associated with the progression of human cancers. The gene DMBT1 was originally isolated based on its deletion in a medulloblastoma cell line. DMBT1 is expressed with transcripts of 6.0, 7.5, and 8.0 kb in fetal lung and with one transcript of 8.0 kb in adult lung, although the 7.5 kb transcript has not been characterized. The DMBT1 protein is a glycoprotein containing multiple scavenger receptor cysteine-rich (SRCR) domains separated by SRCR-interspersed domains (SID). Transcript variant 2 (8.0 kb) has been shown to bind surfactant protein D independently of carbohydrate recognition. This indicates that DMBT1 may not be a classical tumor suppressor gene, but rather play a role in the interaction of tumor cells and the immune system.

Note: This product is for in vitro research use only