

PTMA Conjugated Antibody

Catalog No: #C37277



Package Size: #C37277-AF350 100ul #C37277-AF405 100ul #C37277-AF488 100ul
 #C37277-AF555 100ul #C37277-AF594 100ul #C37277-AF647 100ul
 #C37277-AF680 100ul #C37277-AF750 100ul #C37277-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	PTMA Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total PTMA protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human prothymosin, alpha
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	TMSA
Accession No.	Swiss-Prot#:P06454NCBI Gene ID:5757NCBI Protein#:NP_036204
Uniprot	P06454
GeneID	5757;
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

Prothymosin alpha may mediate immune function by conferring resistance to certain opportunistic infections and as oncogenes contributing to cell proliferation and invasion in BC. Silencing of these gene significantly inhibited cell proliferation and invasion, and increased apoptosis in BC cells. Immunohistochemistry showed that PTMA expression levels were significantly higher in BC compared to normal bladder epitheliums.

Note: This product is for in vitro research use only