P-V-Myb+C-Myb(Phospho-S11) Conjugated Antibody

Catalog No: #C13346

Package Size: #C13346-AF350 100ul #C13346-AF405 100ul #C13346-AF488 100ul #C13346-AF555 100ul #C13346-AF594 100ul #C13346-AF647 100ul #C13346-AF680 100ul #C13346-AF750 100ul #C13346-Biotin 100ul

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

Description

Product Name	P-V-Myb+C-Myb(Phospho-S11) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	alpha II antibody Lung tryptase antibody Mast cell alpha II tryptase antibody Mast cell beta I tryptase antibody Mast cell protease 7 antibody Mast cell protease II antibody MCP 7 antibody Pituitary tryptase antibody Skin tryptase antibody TPS 1 antibody TPS1 antibody TPS2 antibody TPSAB1 antibody TPSAB1 protein antibody TPSB1 antibody Tryptase 1 antibody Tryptase alpha 1 antibody tryptase alpha I included antibody Tryptase alpha II antibody tryptase alpha II included antibody tryptase alpha included antibody tryptase alpha/beta 1 antibody Tryptase beta 1 antibody tryptase beta I included antibody Tryptase I antibody tryptase I included antibody Tryptase III antibody Tryptase skin antibody
Accession No.	Swiss-Prot#:Q15661
Uniprot	Q15661
GeneID	7177;
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	30
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

Mast cells are connective tissue cells derived from blood-forming tissues that line arterial walls and secrete substances, which mediate inflammatory and immune responses. Mast cell chymase, known as CMA1, is a major secreted serine protease that is involved in vasoactive peptide generation, extracellular matrix degradation and regulation of gland secretion. The human chymase gene, which maps to human chromosome 14q11.2, encodes a preproenzyme with a 19-amino acid signal peptide, an acidic 2-amino acid propeptide and a 226-amino acid catalytic domain. Tryptases comprise a family of trypsin-like serine proteases that are enzymatically active as heparin-stabilized tetramers. There are four functional genes for tryptase: α I, β I, β II and γ I, which map to human chromosome 16p13.3, with β tryptases representing the main isoenzymes expressed in mast cells. Mast cell proteases are a family of rodent protein homologs to human tryptases that are specifically expressed in mast cells and may serve as highly specific markers in the analysis of mast cell heterogeneity, differentiation and function.

Note: This product is for in vitro research use only