

hAIM Conjugated Antibody

Catalog No: #C37478



Package Size: #C37478-AF350 100ul #C37478-AF405 100ul #C37478-AF488 100ul
 #C37478-AF555 100ul #C37478-AF594 100ul #C37478-AF647 100ul
 #C37478-AF680 100ul #C37478-AF750 100ul #C37478-Biotin 100ul

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Description

Product Name	hAIM Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total hAIM protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CD5 molecule-like
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AIM; API6; PRO229; Spalpha; SP-ALPHA; CD5 antigen-like; Apoptosis inhibitor expressed by macrophages; Haim; Haim; CT-2; IgM-associated peptide; SP-alpha; API6; UNQ203/PRO229; CD5L
Accession No.	Swiss-Prot#:O43866NCBI Gene ID:922NCBI Protein#:NP_061114
Uniprot	O43866
GeneID	922;
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

CD5L (CD5 molecule-like), also known as API6, PRO229, Spalpha or SP-ALPHA, is a 347 amino acid secreted protein that belongs to the scavenger receptor cysteine-rich (SRCR) family of leukocyte regulating proteins. Expressed in bone marrow, spleen, thymus, lymph node and fetal liver, CD5L is thought to be involved in regulating the immune system via binding to peripheral monocytes and mediating their activation and overall survival. CD5L has three cysteine-rich domains and, in addition to its role in the immune system, may function to inhibit apoptosis and promote macrophage survival.

Note: This product is for in vitro research use only