TAL-1 (Phospho-Ser122) Conjugated Antibody

Catalog No: #C11814

Package Size: #C11814-AF350 100ul   #C11814-AF405 100ul   #C11814-AF488 100ul

#C11814-AF555 100ul   #C11814-AF594 100ul   #C11814-AF647 100ul

#C11814-AF680 100ul   #C11814-AF750 100ul   #C11814-Biotin 100ul

Orders: order@signalwayantibody.com

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Description

Product Name	TAL-1 (Phospho-Ser122) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of TAL-1 only when phosphorylated at serine 122.
Immunogen Description	Peptide sequence around phosphorylation site of Serine 122(Q-L-S(p)-P-P) derived from Human TAL-1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SCL;TAL1;TCL5
Accession No.	Swiss-Prot#:P17542NCBI Gene ID:6886NCBI mRNA#:NM_001287347.2. NCBI Protein#:NP_001274276.1.
Uniprot	P17542
GeneID	6886;
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	45
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

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Background

TAL-1 is a basic helix-loop-helix transcription. Regulates differentiation and survival during hemopoiesis. Implicated in the genesis of hemopoietic malignancies. It may play an important role in hemopoietic differentiation. Serves as a positive regulator of eryhtroid differentiation. Mutations are associated with T-cell leukemia and melanoma. Binds to the LIM domain containing protein Rhombotin-2.

Note: This product is for in vitro research use only