

RANTES Conjugated Antibody

Catalog No: #C49661



Package Size: #C49661-AF350 100ul #C49661-AF405 100ul #C49661-AF488 100ul
 #C49661-AF555 100ul #C49661-AF594 100ul #C49661-AF647 100ul
 #C49661-AF680 100ul #C49661-AF750 100ul #C49661-Biotin 100ul

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

Description

Product Name	RANTES Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Beta chemokine RANTES antibody Beta chemokine RANTES precursor antibody C C motif chemokine 5 antibody CCL 5 antibody CCL5 antibody CCL5_HUMAN antibody Chemokine (C C motif) ligand 5 antibody Chemokine CC Motif Ligand 5 antibody D17S136E antibody EoCP antibody Eosinophil chemotactic cytokine antibody MGC17164 antibody RANTES(4-68) antibody Regulated upon activation normally T expressed and presumably secreted antibody SCYA 5 antibody SCYA5 antibody SIS delta antibody SIS-delta antibody SISd antibody Small inducible cytokine A5 (RANTES) antibody Small inducible cytokine A5 antibody Small inducible cytokine subfamily A (Cys Cys) member 5 antibody Small-inducible cytokine A5 antibody T cell specific protein p288 antibody T cell specific RANTES protein antibody T cell-specific protein P228 antibody T-cell-specific protein RANTES antibody TCP 228 antibody TCP228 antibody
Accession No.	Swiss-Prot#:P13501
Uniprot	P13501
GeneID	6352;
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	10 kDa
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

Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. Binds to CCR1, CCR3, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant RANTES protein induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form RANTES(3-68) acts as a natural chemotaxis inhibitor and is a more potent inhibitor of HIV-1-infection. The second processed form RANTES(4-68) exhibits reduced chemotactic and HIV-suppressive activity compared with RANTES(1-68) and RANTES(3-68) and is generated by an unidentified enzyme associated with monocytes and neutrophils.

Note: This product is for in vitro research use only