

Interleukin 31 Conjugated Antibody

Catalog No: #C48096

Package Size: #C48096-AF350 100ul #C48096-AF405 100ul #C48096-AF488 100ul

#C48096-AF555 100ul #C48096-AF594 100ul #C48096-AF647 100ul

#C48096-AF680 100ul #C48096-AF750 100ul #C48096-Biotin 100ul

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

Description

Product Name	Interleukin 31 Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	IL 31 antibody IL-31 antibody IL31 antibody IL31_HUMAN antibody Interleukin 31 antibody Interleukin-31 antibody
Accession No.	Swiss-Prot#:Q6EBC2
Uniprot	Q6EBC2
GeneID	386653;
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	18kDa
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

Interleukin 31 (IL-31) is a secreted, T-cell-derived, short-chain member of the alpha-helical family of cytokines. The mature region is 141 amino acids (aa) in length and exhibits four alpha-helices. Human and mouse IL-31 are highly divergent at 24% aa sequence identity. The receptor for IL-31 is found on keratinocytes and monocytes. It is a heterodimer composed of the Oncostatin M receptor and a novel gp130-related molecule. IL-31 may be involved in pruritis, or skin itching.

Note: This product is for in vitro research use only