

For Research Use Only

Mouse IL-31 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87927-1-PBS



Basic Information

Catalog Number: 87927-1-PBS	GenBank Accession Number: NM_029594.1	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 76399	CloneNo.: 251606E10
Source: Rabbit	UNIPROT ID: Q6EAL8	
Isotype: IgG	Full Name: interleukin 31	
Immunogen Catalog Number: EG6811	Calculated MW: 18 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse

Background Information

IL-31 mRNA encodes a 164-aa precursor and a predicted 141-aa mature polypeptide, displaying an apparent molecular mass of 24 kDa in its glycosylated form. IL31 is a newly discovered four-helix bundle cytokine and expressed by several types of cells under both normal and disease state, such as activated CD4+T cells, mast cells, monocytes, macrophages, immature and mature monocyte-derived dendritic cells and so on. IL-31 signals through a heterodimeric receptor complex consisting of the IL31 receptor alpha (IL31Ra) and the oncostatin M receptor (OSMR). IL-31 plays a predominant function in the mediation of inflammatory and lymphoma-associated itch. Increased IL-31 expression has been detected in inflamed tissues from patients with atopic dermatitis, bowel diseases, allergic asthma and rhinitis.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

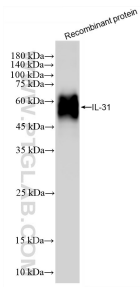
For technical support and original validation data for this product please contact:

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Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with 87927-1-RR (IL-31 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87927-1-PBS in a different storage buffer formulation.