

For Research Use Only

IL-9 Polyclonal antibody

Catalog Number: 17689-1-AP **1 Publications**



Basic Information

Catalog Number: 17689-1-AP	GenBank Accession Number: BC066284	Purification Method: Antigen affinity purification
Size: 450 µg/ml	GeneID (NCBI): 3578	
Source: Rabbit	UNIPROT ID: P15248	
Isotype: IgG	Full Name: interleukin 9	
Immunogen Catalog Number: AG11841	Calculated MW: 144 aa, 16 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
IHC

Species Specificity:
human

Cited Species:
human

Background Information

Interleukin 9 (IL-9) is a γ c-family cytokine that is highly produced by T-helper 9 (Th9) cells. IL-9 could promote the survival and activation of various cellular targets, including mast cells, B cells, T cells, and structural cells. Its expression is considered a hallmark of Th2-lineage cells. Primarily studied in Th2-type immunity, IL-9 was shown to be involved in asthma, allergy, and host defense against helminth infections. IL-9 also stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes.

Notable Publications

Author	Pubmed ID	Journal	Application
Jun He	31352324	Int Immunopharmacol	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

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Selected Validation Data