

Rabbit anti-Human IL-9 Polyclonal Antibody | anti-IL9 antibody

IL-9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10969	Rabbit	Human	ELISA, Western Blot, Immunohistochemistry, Immunofluorescence

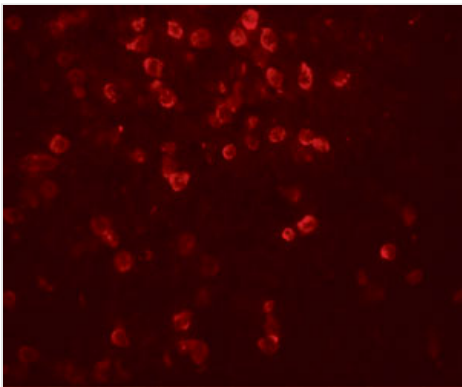
PRODUCT SYNONYMS

IL-9; Polyclonal Antibody; IL-9 Antibody; IL-9 Antibody : P40; HP40; Interleukin-9; Cytokine P40; anti-IL9 antibody

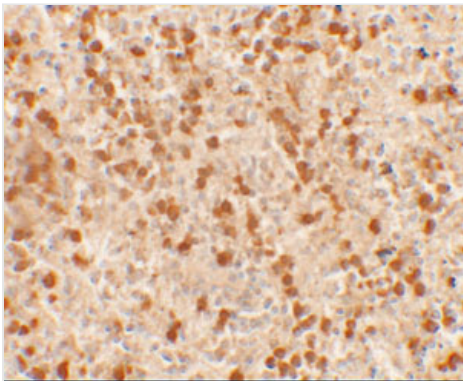
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	IL-9 antibody is human specific. IL-9 antibody is predicted to no cross-react with IL-7.
Purity/Purification	IL-9 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; IL-9 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-IL9 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	IL-9 antibody can be used for detection of IL-9 by Western blot at 1 - 2 ug/ml. Antibody validated: Western Blot in human samples Immunohistochemistry in human samples Immunofluorescence in human samples All other applications and species not yet tested. Optimal dilutions for each application to be determined by the researcher.
Immunogen	IL-9 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human IL-9. The immunogen is located within the last 50 amino acids of IL-9.
Conjugate	Unconjugated
Preparation and Storage	IL-9 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

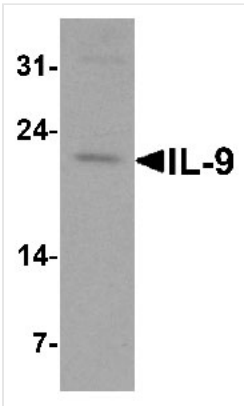
IMAGES



IF (Immunofluorescence)
Immunofluorescence of IL-9 in human spleen tissue with IL-9 antibody at 20 µg/mL.



IHC (Immunohistochemistry)
Immunohistochemistry of IL-9 in human spleen tissue with IL-9 antibody at 5 µg/mL.



WB (Western Blot)
Western blot analysis of IL-9 in human spleen tissue lysate at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-IL9 antibody	Interleukin 9 (IL-9) is a cytokine secreted by TH2 lymphocytes that acts as a regulator of a variety of hematopoietic cells, stimulates cell proliferation and prevents apoptosis (1,2). It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins (3). The IL-9 gene has been identified as a candidate gene for asthma (4). Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness (5).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10834980
NCBI GeneID	3578
NCBI Accession #	NP_000581
NCBI GenBank Nucleotide #	NM_000590.1
UniProt Accession #	P15248
Molecular Weight	Predicted: 13 kDa Observed: 22kDa
NCBI Official Full Name	interleukin-9
NCBI Official Synonym Full Names	interleukin 9
NCBI Official Symbol	IL9

NCBI Official Synonym Symbols	P40; HP40; IL-9
NCBI Protein Information	interleukin-9; cytokine P40; p40 cytokine; T-cell growth factor p40; p40 T-cell and mast cell growth factor; homolog of mouse T cell and mast cell growth factor 40
UniProt Protein Name	Interleukin-9
UniProt Gene Name	IL9
UniProt Synonym Gene Names	IL-9
UniProt Entry Name	IL9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/il-9-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10969>