

Rabbit anti-Human IL-9R Monoclonal Antibody | anti-IL-9R antibody

Anti-IL-9R [AH9R2]

CATALOG # AAA72120	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation
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PRODUCT SYNONYMS

IL-9R; Monoclonal Antibody; Anti-IL-9R [AH9R2]; Interleukin-9 receptor; IL9R; CD129; anti-IL-9R antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	AH9R2
Specificity	This antibody binds specifically to the human IL-9 receptor alpha chain.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-IL-9R antibody	Blocking, IP (Immunoprecipitation)
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2b format, for improved compatibility with existing reagents, assays and techniques.
PMID	8756628
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow-cytometry using the Anti-IL-9R antibody AH9R2 (AAA72120). Jurkat cells were fixed using 2% PFA, permeabilised using 0.5% Triton and stained with anti-Fluorescein IgG antibody (4-4-20; isotype control, black line) or the rabbit IgG1 version of HB-8592 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, bound antibody was detected using a goat anti-mouse IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)

Immunofluorescence staining of Jurkat cells using anti-IL-9R antibody (AAA72120) AH9R2. Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells immobilized on Shi-fix cover-slips and stained with the chimeric rabbit IgG version of AH9R2 () at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom , DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IL-9R antibody	Recombinant monoclonal antibody to IL-9R. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma AH9R2. This antibody was raised by immunising DBA/2 mice with P815 mastocytoma cells transfected with human IL-9R cDNA.
Product Categories/Family for anti-IL-9R antibody	cytokine signalling ; T cell development
References	Demoulin et al. A single tyrosine of the interleukin-9 (IL-9) receptor is required for STAT activation, antiapoptotic activity, and growth regulation by IL-9. Mol Cell Biol. 1996 Sep;16(9):4710-6. Note on publication: Describes the original generation of this antibody, and its use in immunoprecipitation analysis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	29171682
NCBI GeneID	3581
NCBI Accession #	NP_002177.2
NCBI GenBank Nucleotide #	NM_002186.2
UniProt Accession #	Q01113 ; Q14634 ; Q8WWU1 ; Q96TF0 ; B9ZVT0
Molecular Weight	57,147 Da
NCBI Official Full Name	interleukin-9 receptor isoform 1
NCBI Official Synonym Full Names	interleukin 9 receptor
NCBI Official Symbol	IL9R
NCBI Official Synonym Symbols	CD129; IL-9R
NCBI Protein Information	interleukin-9 receptor; IL-9 receptor
UniProt Protein Name	Interleukin-9 receptor
UniProt Gene Name	IL9R
UniProt Synonym Gene Names	IL-9 receptor; IL-9R
UniProt Entry Name	IL9R_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/il-9r-antibody-clone-ah9r2-immunoprecipitation-elisa/72120>