

Rabbit IL21 Receptor Polyclonal Antibody | anti-IL21R antibody

IL21 Receptor Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329196	Rabbit	Human, Mouse Predicted Reactivity: Pig(88%)	ELISA

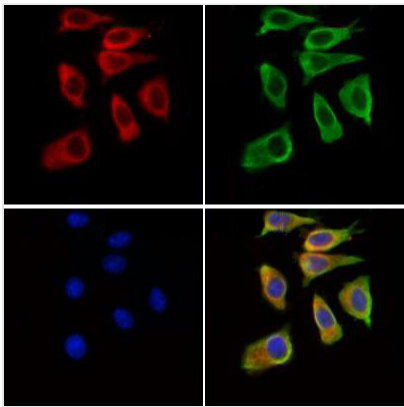
PRODUCT SYNONYMS

IL21 Receptor; Polyclonal Antibody; IL21 Receptor Antibody; CD360; IL 21R; IL-21 receptor; IL-21R; IL21 receptor; IL21R; IL21R_HUMAN; Interleukin 21 receptor; Interleukin-21 receptor; MGC10967; NILR; Novel interleukin receptor; anti-IL21R antibody

PRODUCT SPECIFICATIONS

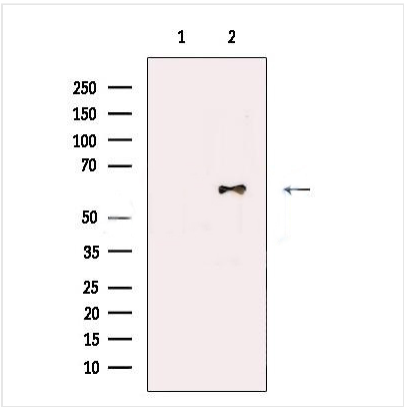
Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Pig(88%)
Clonality	Polyclonal
Isotype	IgG
Specificity	IL21 Receptor Antibody detects endogenous levels of total IL21 Receptor.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	538
Applicable Applications for anti-IL21R antibody	ELISA
Immunogen	A synthesized peptide derived from human IL21 Receptor, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA329196 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25Å°C. Samples were then incubated with primary Ab(AAA329196 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37Å°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



WB (Western Blot)

Western blot analysis of extracts from Mouse spleen, using IL21 Receptor Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-IL21R antibody	Function: This is a receptor for interleukin-21.
	Post Translational Modifications: C-mannosylated at Trp-214 in the WSXWS motif, the sugar chain makes extensive hydrogen bonds with Asn-73 sugar, and bridges the two fibronectin domains transforming the V-shaped receptor into an A-frame.
	Subcellular Location: Membrane>Single-pass type I membrane protein.
	Tissue Specificity: Selectively expressed in lymphoid tissues. Most highly expressed in thymus and spleen.
	Subunit Structure: Heterodimer with the common gamma subunit. Associates with JAK1.
Similarity: The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding. The box 1 motif is required for JAK interaction and/or activation. Belongs to the type I cytokine receptor family. Type 4 subfamily.	

NCBI AND UNIPROT INFORMATION

NCBI GI #	11141869
NCBI GeneID	50615
NCBI Accession #	NP_068570.1
NCBI GenBank Nucleotide #	NP_068570.1
UniProt Accession #	Q9HBE5
Molecular Weight	Observed Molecular Weight: (Observed)59kD. Predicted Molecular Weight: (Calculated)59kDa.
NCBI Official Full Name	interleukin-21 receptor isoform 1
NCBI Official Synonym Full Names	interleukin 21 receptor
NCBI Official Symbol	IL21R
NCBI Official Synonym Symbols	NILR; CD360; IMD56

NCBI Protein Information	interleukin-21 receptor
UniProt Protein Name	Interleukin-21 receptor
UniProt Gene Name	IL21R
UniProt Synonym Gene Names	NILR; IL-21 receptor; IL-21R
UniProt Entry Name	IL21R_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://stage.aaabiotech.com/polyclonal/il21-receptor-antibody-elisa/329196>