

Humanized anti-Human IL31RA Antibody | anti-IL31RA antibody

Anti-IL31RA (nemolizumab biosimilar) mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129438	Humanized	Human	Flow Cytometry, Functional Assay, ELISA

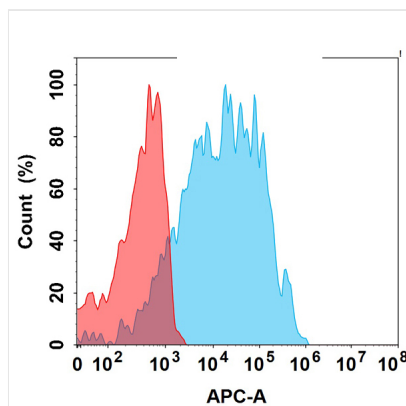
PRODUCT SYNONYMS

IL31RA; Anti-IL31RA (nemolizumab biosimilar) mAb; CRL; GPL; CRL3; GLMR; GLM-R; PLCA2; hGLM-R; IL-31RA; PRO21384; zcytoR17; CIM 331; CIM331; anti-IL31RA antibody

PRODUCT SPECIFICATIONS

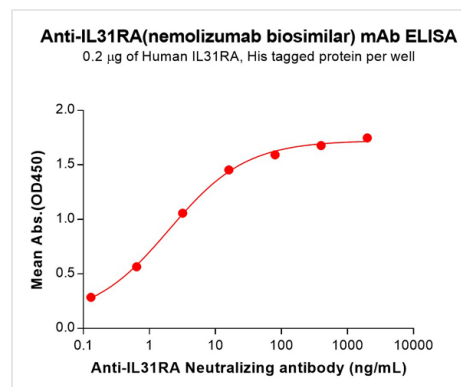
Host	Humanized
Reactivity	Human
Isotype	IgG2 (C14S,R16K,E20G,S21G,C102S,H147Q,R234Q,S257A,Q298E)
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Applicable Applications for anti-IL31RA antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. Flow cytometry analysis with 1µg/mL Anti-IL31RA(nemolizumab biosimilar) mAb (AAA129438) on Expi293 cells transfected with Human IL31RA and OSMR protein (Blue histogram) or Expi293 transfected with Human OSMR protein (Red histogram).



ELISA

Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human IL31RA Protein, His Tag can bind Anti-IL31RA(nemolizumab biosimilar) mAb (AAA129438) in a linear range of 0.13–16 ng/mL.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IL31RA antibody	Biosimilar reference antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	336391156
NCBI GeneID	133396
NCBI Accession #	NP_001229565.1
NCBI GenBank Nucleotide #	NM_001242636.1
UniProt Accession #	Q8NI17; Q2TBA1; Q6EBC3; Q6EBC4; Q6EBC5; Q6EBC6; Q6UWL8; Q8WYJ0; A6NIF8
Molecular Weight	84,309 Da
NCBI Official Full Name	interleukin-31 receptor subunit alpha isoform 2
NCBI Official Synonym Full Names	interleukin 31 receptor A
NCBI Official Symbol	IL31RA
NCBI Official Synonym Symbols	CRL; GPL; CRL3; GLMR; GLM-R; PLCA2; hGLM-R; IL-31RA; PRO21384
NCBI Protein Information	interleukin-31 receptor subunit alpha
UniProt Protein Name	Interleukin-31 receptor subunit alpha
UniProt Gene Name	IL31RA
UniProt Synonym Gene Names	CRL3; GPL; IL-31 receptor subunit alpha; IL-31R subunit alpha; IL-31R-alpha; IL-31RA; hGLM-R; Gp130-like receptor

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/humanized-human-antibody/il31ra/129438>