

Rabbit anti-Human IL11RA, IgG1 Monoclonal Antibody | anti-IL11RA antibody

Anti-IL11RA antibody (DMC282), IgG1 Chimeric mAb

CATALOG # AAA47509	HOST Rabbit	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

IL11RA; IgG1; Monoclonal Antibody; Anti-IL11RA antibody (DMC282); IgG1 Chimeric mAb; IL-11 R alpha; IL-11 RA; Interleukin-11 receptor subunit alpha; IL-11 receptor subunit alpha; IL-11R subunit alpha; IL-11R-alpha; anti-IL11RA antibody

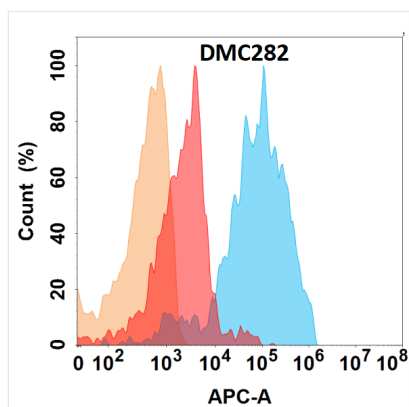
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/Human Fc chimeric IgG1
Purity/Purification	Purified from cell culture supernatant by affinity chromatography. Purity: Test: SDS-PAGE & Coomassie blue staining ; Specification: Target protein band (s) ≥ 95.0 % ; Result: Pass
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Concentration	0.472mg/mL (varies by lot)
Applicable Applications for anti-IL11RA antibody	FCM/FACS (Flow Cytometry)
Visual Inspection	Test: Lyophilization Specification: Dried white powder Result: Pass Test: Vial Label Specification: Label aligned and complete Result: Pass Test: Bottle sealing (manual check) Specification: Sealed tight Result: Pass
Quantity	Test: A280 Specification: $\leq$ specified quantity Result: Pass
Other properties	Test: pH Specification: 7.4 ± 0.5 Result: Pass
Reconstitution	1.Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5 min at room temperature to ensure the Lyophilized sample to settle down at the bottom of the tube 2.Dissolved Lyophilized protein sample in sterile water based on the recommended volume 21.19 μ L 3.After adding sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Note: Do not vortex or vigorously pipette sample

Preparation and Storage

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 1. IL11RA protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-IL11RA (DMC282) on Expi293 cells transfected with human IL11RA (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram).

ADDITIONAL INFORMATION

Related Product Information for anti-IL11RA antibody

Interleukin 11 is a stromal cell-derived cytokine that belongs to a family of pleiotropic and redundant cytokines that use the gp130 transducing subunit in their high affinity receptors. This gene encodes the IL-11 receptor, which is a member of the hematopoietic cytokine receptor family. This particular receptor is very similar to ciliary neurotrophic factor, since both contain an extracellular region with a 2-domain structure composed of an immunoglobulin-like domain and a cytokine receptor-like domain. Multiple alternatively spliced transcript variants have been found for this gene.

Product Categories/Family for anti-IL11RA antibody

[Lead Antibody Molecules](#)

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/monoclonal/il11ra-igg1-antibody-flow-cytometry-elisa/47509>