BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-IL4R Antibody (C-term)

Catalog Number: A00807-3

About IL4R

Receptor for both interleukin 4 and interleukin 13. Couples to the JAK1/2/3-STAT6 pathway. The IL4 response is involved in promoting Th2 differentiation. The IL4/IL13 responses are involved in regulating IgE production and, chemokine and mucus production at sites of allergic inflammation. In certain cell types, can signal through activation of insulin receptor substrates, IRS1/IRS2.

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Overview

Product Name	Anti-IL4R Antibody (C-term)
Reactive Species	Human
Description	Boster Bio Anti-IL4R Antibody (C-term) (Catalog # A00807-3). Tested in Flow Cytometry, WB application(s). This antibody reacts with Human.
Application	Flow Cytometry, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P24394

Technical Details

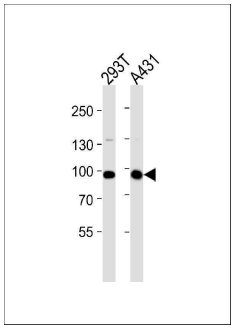
Immunogen	This IL4R antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 677-691 amino acids from the C-terminal region of human IL4R.
Predicted Reactive Species	Bovine
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).

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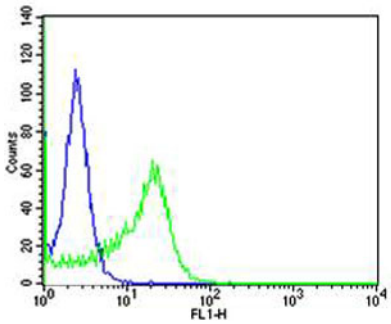
Cross Reactivity	No cross reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000 FC: 1:25

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Anti-IL4R Antibody (C-term) (A00807-3) Images



Western blot analysis of lysates from 293T, A431 cell line (from left to right), using IL4R Antibody (C-term). A00807-3 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.



Flow cytometric analysis of Ramos cells using IL4R Antibody (C-term)(green,) compared to an isotype control of rabbit IgG(blue). A00807-3 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.

Anti-IL4R Antibody (C-term)

For Research Use Only. Not for use in diagnostic procedures.