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anti-IL4 Receptor antibody (AA 201-300)

Images

Publications



Overview

Quantity:	100 μL
Target:	IL4 Receptor (IL4R)
Binding Specificity:	AA 201-300
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL4 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffinembedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IL4R
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target: IL4 Receptor (IL4R)

Target Details

Alternative Name:	IL4R (IL4R Products)
Background:	Synonyms: CD124, IL4RA, IL-4RA, Interleukin-4 receptor subunit alpha, IL-4 receptor subunit
	alpha, IL-4R subunit alpha, IL-4R-alpha, IL4R, 582J2.1
	Background: 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. Soluble IL4R (sIL4R) inhibits IL4-mediated cell proliferation and IL5 up-
	regulation by T-cells.
Gene ID:	3566
UniProt:	P24394
Pathways:	JAK-STAT Signaling, Positive Regulation of Immune Effector Process
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IF(IHC-P) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date:

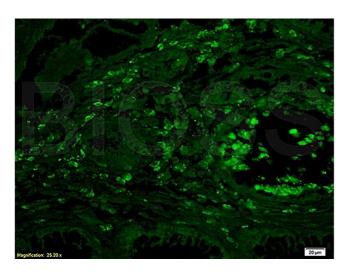
12 months

Publications

Product cited in:

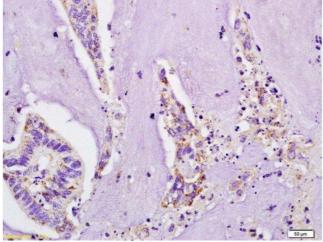
Danelli, Frossi, Gri, Mion, Guarnotta, Bongiovanni, Tripodo, Mariuzzi, Marzinotto, Rigoni, Blank, Colombo, Pucillo: "Mast cells boost myeloid-derived suppressor cell activity and contribute to the development of tumor-favoring microenvironment." in: **Cancer immunology research**, Vol. 3, Issue 1, pp. 85-95, (2015) (PubMed).

Images



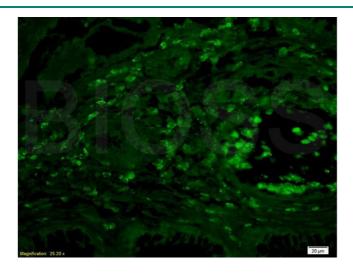
Immunofluorescence

Image 1. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Rabbit Anti IL-4R/CD124 Plastin Polyclonal Antibody, Unconjugated (ABIN740565) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded human colon carcinoma labeled with Rabbit Anti IL-4R/CD124 Plastin Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence

Image 3. Formalin-fixed and paraffin embedded human colon carcinoma labeled Anti-IL-4R/CD124 Polyclonal Antibody, Unconjugated (ABIN740565) at 1:200 followed by conjugation to the secondary antibody Goat Anti-Rabbit IgG, AF488 conjugated used at 1:200 dilution