antibodies - online.com







anti-IL-4 antibody (AA 25-153)





Overview

Quantity:	100 μg
Target:	IL-4 (IL4)
Binding Specificity:	AA 25-153
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Interleukin-4 protein (25-153AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	IL-4 (IL4)
Alternative Name:	IL4 (IL4 Products)
Background:	Background: Participates in at least several B-cell activation processes as well as of other cell
	types (PubMed:3016727). It is a costimulator of DNA-synthesis. It induces the expression of

class II MHC molecules on resting B-cells. It enhances both secretion and cell surface expression of IgE and IgG1. It also regulates the expression of the low affinity Fc receptor for IgE (CD23) on both lymphocytes and monocytes. Positively regulates IL31RA expression in macrophages (By similarity).

Aliases: B cell growth factor 1 antibody, B cell IgG differentiation factor antibody, B Cell Stimulatory Factor 1 antibody, B-cell stimulatory factor 1 antibody, BCGF 1 antibody, BCGF 1 antibody, BSF-1 antibody, BSF-1 antibody, IGG1 induction factor antibody, IL 4 antibody, IL-4 antibody, IL4 antibody, IL4_HUMAN antibody, II4e12 antibody, Interleukin 4 antibody, Interleukin 4 variant 2 antibody, Interleukin 4, isoform 1 antibody, Interleukin-4 antibody, Lymphocyte stimulatory factor 1 antibody, MGC79402 antibody, Pitrakinra antibody

UniProt: P05112

Pathways: JAK-STAT Signaling, Regulation of Leukocyte Mediated Immunity, Positive Regulation of

Immune Effector Process, Production of Molecular Mediator of Immune Response, Proton

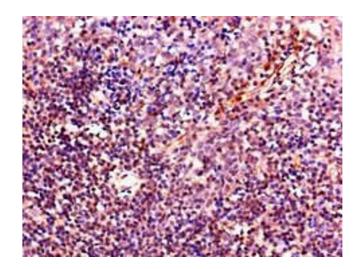
Transport, Activated T Cell Proliferation

Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

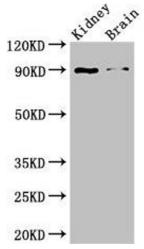
Handling

Tianding	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



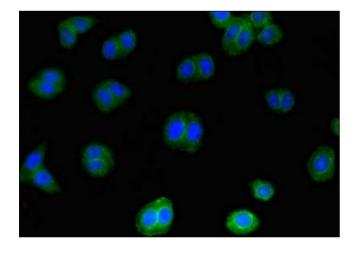
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human tonsil tissue using ABIN7156914 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse kidney tissue, Mouse brain tissue All lanes: IL4 antibody at 3 μg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 18, 16 kDa Observed band size: 90 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7156914 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)