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anti-IL13 Receptor alpha 1 antibody (AA 22-234)

2 Images



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Background:

Quantity:	100 μL
Target:	IL13 Receptor alpha 1 (IL13RA1)
Binding Specificity:	AA 22-234
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL13 Receptor alpha 1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant Human Interleukin-13 receptor subunit alpha-1 protein (22-234AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified
Target Details	
Target:	IL13 Receptor alpha 1 (IL13RA1)
Alternative Name:	

Background: Binds with low affinity to interleukin-13 (IL13). Together with IL4RA can form a

functional receptor for IL13. Also serves as an alternate accessory protein to the common

cytokine receptor gamma chain for interleukin-4 (IL4) signaling, but cannot replace the function	on
of IL2RG in allowing enhanced interleukin-2 (IL2) binding activity.	

Aliases: bB12804.2.1 (interleukin 13 receptor, alpha 1) antibody, Cancer/testis antigen 19 antibody, CD213a1 antibody, CD213A1 Antigen antibody, CT 19 antibody, CT19 antibody, I13R1_HUMAN antibody, IL 13 receptor subunit alpha 1 antibody, IL 13R alpha 1 antibody, IL 13R antibody, IL 13RA1 antibody, IL-13 receptor subunit alpha-1 antibody, IL-13R subunit alpha-1 antibody, IL-13R-alpha-1 antibody, IL-13RA1 antibody, IL13 receptor alpha 1 chain antibody, IL13R antibody, IL13RA antibody, II13ra1 antibody, Interleukin 13 receptor alpha 1 antibody, Interleukin 13 receptor subunit alpha-1 antibody, Interleukin-13 receptor subunit alpha-1 antibody, NR 4 antibody

UniProt: P78552

Pathways: JAK-STAT Signaling, Positive Regulation of Immune Effector Process, Production of Molecular

Mediator of Immune Response

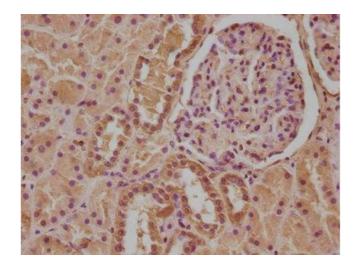
Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

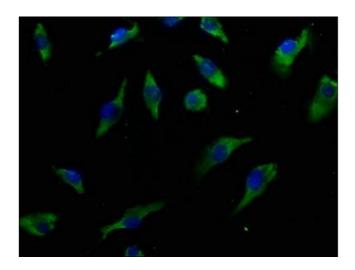
Handling

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. IHC image of ABIN7156793 diluted at 1:100 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of U251 cells with ABIN7156793 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).