

Anti-IL1RL1 antibody

Cat. No.	ml221414
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-IL1RL1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human IL1RL1
Reactivity	Human
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	IL1RL1
Full name	Interleukin 1 receptor-like 1

Synonyms T1; ST2; DER4; ST2L; ST2V; FIT-1; IL33R

Swissprot Q01638

Target Background

The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants.

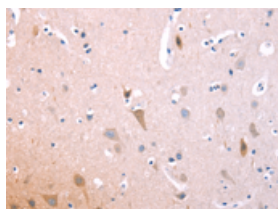
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 50-200

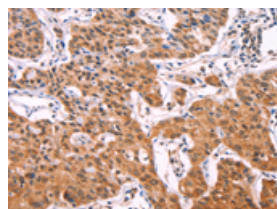


The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml221414(IL1RL1 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml221414(IL1RL1 Antibody) at dilution 1/70, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 37 kDa

Positive control: Human fetal kidney and intestine tissue

Recommended dilution: 1000-5000

Gel: 10%SDS-PAGE

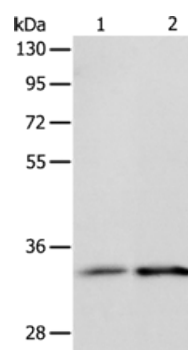
Lysate: 40 µg

Lane 1-2: Human fetal kidney tissue, Human intestine tissue

Primary antibody: ml221414(IL1RL1 Antibody) at dilution 1/1100

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



ELISA

Recommended dilution: 2000-10000

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