

PAA066Ra03

Polyclonal Antibody to Interleukin 1 Receptor Type I (IL1R1)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Polyclonal antibody preparation

Host: Rabbit

Purification: Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Traits: Liquid

Concentration: 0.34mg/mL

UOM: 200μL

Cross Reactivity: Human;Mouse

Applications: WB; FCM

[IMMUNOGEN]

Immunogen: Recombinant IL1R1 (Asp386~Tyr553 (Accession # Q02955)) expressed in *E.coli*

Accession No.: RPA066Ra03

[APPLICATIONS]

Western blotting: 0.01-2μg/mL;

Flow cytometry: 20μg/mL

Optimal working dilutions must be determined by end user.

[FORMULATION]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

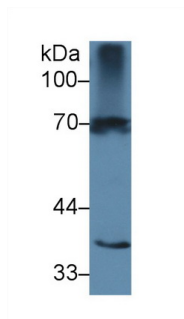
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

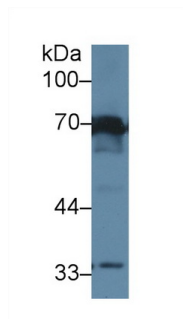
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

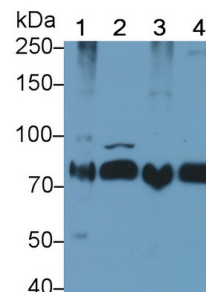
[IDENTIFICATION]



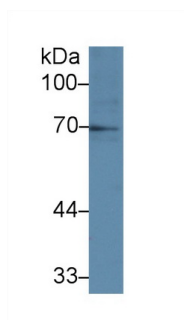
Western Blot; Sample: Rat Spleen lysate;
Primary Ab: 2µg/ml Rabbit Anti-Rat IL1R1 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



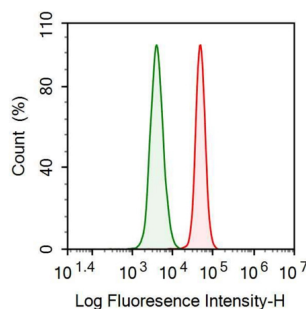
Western Blot; Sample: Rat Lung lysate;
Primary Ab: 2µg/ml Rabbit Anti-Rat IL1R1 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Lane1: Rat Placenta lysate; Lane2: Rat Lung lysate; Lane3: Mouse Placenta lysate; Lane4: Mouse Lung lysate
Primary Ab: 0.4µg/ml Rabbit Anti-Rat IL1R1 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Western Blot; Sample: Human Raji cell lysate;
Primary Ab: 2µg/ml Rabbit Anti-Rat IL1R1 Antibody
Second Ab: 0.2µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody
(Catalog: SAA544Rb19)



Human Raji cell line was fixed with 2% paraformaldehyde (10 min) , permeabilised with 0.1% BSA-Triton X-100, then stained with 20µg/ml rabbit Anti-rat IL1R1 Polyclonal Antibody (Catalog PAA066Ra03, red histogram) or Isotype control antibody (Catalog IS067-Rb01, green histogram), followed by 1µg/ml FITC-conjugated Anti-rabbit

IgG Secondary Antibody (Catalog
SAA544Rb18).

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.