A26324

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IL-33R (ST2) Rabbit mAb

Catalog No.: A26324 Recombinant 1 Publications

Basic Information

Observed MW
55-60kDa

Calculated MW
65kDa

Category
Monoclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Mouse

Background

Enables interleukin-33 binding activity and interleukin-33 receptor activity. Involved in several processes, including negative regulation of T-helper 1 type immune response; positive regulation of macrophage activation; and regulation of cytokine production. Acts upstream of or within negative regulation of I-kappaB kinase/NF-kappaB signaling. Located in external side of plasma membrane and extracellular matrix. Is expressed in several structures, including immune system; musculoskeletal system; salivary gland; skin; and visual system. Human ortholog(s) of this gene implicated in asthma and coronary artery disease. Orthologous to human IL1RL1 (interleukin 1 receptor like 1).

Recommended Dilutions

WB	1:1000 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
17082

Swiss Prot
P14719

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
T1; St2; DER4; Ly84; ST2L; Fit-1; T1/ST2; St2-rs1

Contact

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Product Information

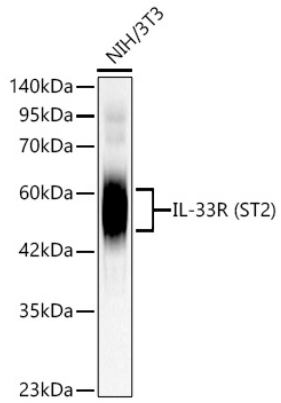
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Western blot analysis of lysates from NIH/3T3 cells using IL-33R (ST2) Rabbit mAb (A26324) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.

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