Product name: Anti-IL1 Receptor I/IL-1R-1 antibody [D1f3] ab8156

Overview

Product name: Anti-IL1 Receptor I/IL-1R-1 antibody [D1f3]
Description: Rat monoclonal [D1f3] to IL1 Receptor I/IL-1R-1
Host species: Rat
Specificity: Binds to soluble mouse interleukin-1 receptor type I.
Tested applications: Suitable for: Inhibition Assay, WB
Species reactivity: Reacts with: Mouse
General notes: The IL-1 system includes two agonists (IL-1 alpha and IL-1 alpha), converting enzymes, antagonists, two receptors (IL-1 RI and IL-1 RII) and the IL-1 receptor accessory protein. Interleukin-1 signal is transduced through the type I receptor.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: Preservative: 0.02% Sodium azide
Purity: Protein G purified
Primary antibody notes: The IL-1 system includes two agonists (IL-1 alpha and IL-1 alpha), converting enzymes, antagonists, two receptors (IL-1 RI and IL-1 RII) and the IL-1 receptor accessory protein. Interleukin-1 signal is transduced through the type I receptor.
Clonality: Monoclonal
Clone number: D1f3
Isotype: IgG1

Applications

Our Abpromise guarantee covers the use of ab8156 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
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**Target**

**Function**
Receptor for interleukin-1 alpha (IL-1A), beta (IL-1B), and interleukin-1 receptor antagonist protein (IL-1RA). Binding to the agonist leads to the activation of NF-kappa-B. Signaling involves formation of a ternary complex containing IL1RAP, TOLLIP, MYD88, and IRAK1 or IRAK2.

**Sequence similarities**
Belongs to the interleukin-1 receptor family.
Contains 3 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 TIR domain.

**Cellular localization**
Membrane.

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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