

## Product datasheet

# Anti-IL1 Receptor I/IL-1R-1 antibody [D1f3] ab8156

### Overview

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<b>Product name</b>	Anti-IL1 Receptor I/IL-1R-1 antibody [D1f3]
<b>Description</b>	Rat monoclonal [D1f3] to IL1 Receptor I/IL-1R-1
<b>Host species</b>	Rat
<b>Specificity</b>	Binds to soluble mouse interleukin-1 receptor type I.
<b>Tested applications</b>	<b>Suitable for:</b> WB, Inhibition Assay
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>General notes</b>	<p>The IL-1 system includes two agonists (IL-1 alpha and IL-1 beta), 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.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.02% Sodium azide
<b>Purity</b>	Protein G purified
<b>Primary antibody notes</b>	The IL-1 system includes two agonists (IL-1 alpha and IL-1 beta), 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.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	D1f3
<b>Isotype</b>	IgG1

### Applications

## Applications

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**The Abpromise guarantee** 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.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration.
Inhibition Assay		Use at an assay dependent concentration.
Neutralization		Use at an assay dependent concentration.

## Target

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<b>Function</b>	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.
<b>Sequence similarities</b>	Belongs to the interleukin-1 receptor family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 TIR domain.
<b>Cellular localization</b>	Membrane.

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

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