

Product datasheet

Anti-IL1 Receptor I/IL-1R-1 antibody [REG21] ab8154

1 References

Overview

Product name	Anti-IL1 Receptor I/IL-1R-1 antibody [REG21]
Description	Rat monoclonal [REG21] to IL1 Receptor I/IL-1R-1
Host species	Rat
Specificity	Binds to soluble mouse interleukin-1 receptor type I. Interleukin-1 signal is transduced through the type I receptor.
Tested applications	Suitable for: Inhibition Assay, IP, Purification, WB
Species reactivity	Reacts with: Mouse
General notes	<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&As</p>

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
Clonality	Monoclonal
Clone number	REG21
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab8154 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
Inhibition Assay		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Purification		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

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.

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

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