

Product datasheet

Anti-IL1 Receptor I/IL-1R-1 antibody [EPR18693-60] ab222565

Recombinant RabMAb

[2 Images](#)

Overview

Product name	Anti-IL1 Receptor I/IL-1R-1 antibody [EPR18693-60]
Description	Rabbit monoclonal [EPR18693-60] to IL1 Receptor I/IL-1R-1
Host species	Rabbit
Tested applications	Suitable for: Sandwich ELISA
Species reactivity	Reacts with: Human
Immunogen	The details of the immunogen for this antibody are not available.
General notes	<p>Anti-IL-1 Receptor I / IL-1R-1 antibody is used in our 90-minute Human IL-1 Receptor I ELISA Kit (ab211650), and is available in a Matched Antibody Pair Kit (ab210888).</p> <p>Previously labelled as IL1 Receptor I.</p> <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. 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, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.02% Sodium azide Constituent: PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR18693-60
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab222565** in the following tested applications.

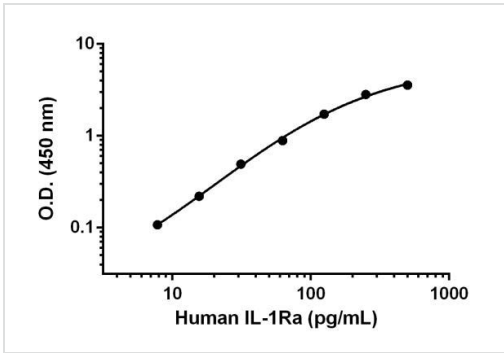
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Sandwich ELISA		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.

Images







Sandwich ELISA - Anti-IL1 Receptor I/IL-1R-1 antibody [EPR18693-60] (ab222565)

Example of human IL-1 Receptor I/IL-1R-1 standard curve in 1X Cell Extraction Buffer PTR using recombinant IL-1 Receptor I/IL-1R-1 RabMAb antibody (ab222565) and a recombinant monoclonal antibody. Background-subtracted values (mean +/- SD) are graphed.

For a complete ELISA kit, see Human IL-1 Receptor I ELISA kit (ab211650).

For a matched antibody pair set, see Human IL-1 Receptor I Matched Antibody Pair Kit (ab210888).

Why choose a recombinant antibody?

 Research with confidence Consistent and reproducible results	 Long-term and scalable supply Recombinant technology
 Success from the first experiment Confirmed specificity	 Ethical standards compliant Animal-free production

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

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