

Datasheet for ABIN2192180
anti-IL1R2 antibody



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1 Publication

Overview

Quantity:	100 µg
Target:	IL1R2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1R2 antibody is un-conjugated
Application:	Immunoassay (IA)

Product Details

Sterility:	0.2 µm filtered
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Target Details

Target:	IL1R2
Abstract:	IL1R2 Products
Background:	<p>The antibody reacts specifically with human Interleukin (IL-1) R II. The IL-1 system includes two agonists (IL-1α and IL-1β), converting enzymes, antagonists, two receptors (IL-1 R I and IL-1 R II) and the IL-1 receptor accessory protein. The IL-1 R II is part of the antagonistic IL-1 mechanism. It is also known as decoy receptor and is a non signalling molecule which functions by capturing IL-1 and preventing it from interacting with the signalling IL-1 R I. The decoy IL-1 R II can after binding to IL-1 also recruit the IL-1 receptor accessory protein and thus inhibit by coreceptor competition. Further a soluble form of IL-1 R II exists which is shed, a process in which matrix metalloproteases have been found to play a role, by various cells</p>

Target Details

including monocytes, polymorphonuclear cells, B cells and fibroblasts.

Pathways: [NF-kappaB Signaling](#)

Application Details

Application Notes: For immuno assays dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions.

Restrictions: For Research Use only

Handling

Buffer: PBS, containing 0.02 % sodium azide and 0.1 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.

Expiry Date: 12 months

Publications

Product cited in: Mantovani, Muzio, Ghezzi, Colotta, Introna: "Regulation of inhibitory pathways of the interleukin-1 system." in: **Annals of the New York Academy of Sciences**, Vol. 840, pp. 338-51, (1998) ([PubMed](#)).