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Datasheet for ABIN2192180

anti-IL1R2 antibody

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

Target Details

Target: IL1R2

Abstract: [IL1R2 Products](#)

Background: 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

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: Nascimento, Sallé, Hoebeke, Argibay, Peineau: "cGMP-mediated inhibition of cardiac L-type Ca(2+) current by a monoclonal antibody against the M(2) ACh receptor." in: **American journal of physiology. Cell physiology**, Vol. 281, Issue 4, pp. C1251-8, (2001) ([PubMed](#)).

Elies, Fu, Eftekhari, Wallukat, Schulze, Granier, Hjalmarsen, Hoebeke: "Immunochemical and functional characterization of an agonist-like monoclonal antibody against the M2 acetylcholine receptor." in: **European journal of biochemistry / FEBS**, Vol. 251, Issue 3, pp. 659-66, (1998) ([PubMed](#)).