ANTIBODIES ONLINE

Datasheet for ABIN2191919
anti-IL1R2 antibody

| 2 | Publications |

Overview

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

Product Details

Clone:	6G5
Sterility:	0.2 μm filtered

Target Details

Target:	IL1R2
Abstract:	IL1R2 Products
Background:	The antibody reacts specificly with Human IL-1 R II. The IL-1 system includes two agonists (IL-1alpha and IL-1beta), 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 signaling 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

Target Details

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 including monocytes, polymorphonuclear cells, B cells and fibroblasts.

Pathways:	NF-kappaB Signaling

Application Details

Application Notes:	The antibody can be used for immuno assays.
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:	Müller, Peri, Doni, Perruchoud, Landmann, Pasqualini, Mantovani: "High circulating levels of the IL-1 type II decoy receptor in critically ill patients with sepsis: association of high decoy receptor levels with glucocorticoid administration." in: **Journal of leukocyte biology**, Vol. 72, Issue 4, pp. 643-9, (2002) (PubMed).
	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).