

Product datasheet PS029

**MONOSAN**<sup>®</sup>

Polyclonal Rabbit anti-Interleukin-1 RII

Clone no. -

MONOSAN

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Product name	Polyclonal Rabbit anti-Interleukin-1 RII
Host	Rabbit
Applications	ELISA
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	Ig
Clonality	Polyclonal
Clone number	-
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

The antibody reacts specifically with human Interleukin (IL-1)RII. The IL-1 system includes two agonists (IL-1alpha and IL-1beta), converting enzymes, antagonists, two receptors (IL-1RI and IL-1RII) and the IL-1 receptor accessory protein. The IL-1RII 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-1RI. The decoy IL-1RII 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-1RII 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.

**References**

1. Mantovani; A et al. Ann N Y Acad Sci 1998; 840: 338
2. Penton-Rol, G et al J Immunol 1999, 162: 2931
3. -
4. -
5. -

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