

## Mouse anti-Interleukin-1ra3, clone 2D11 (Monoclonal)

Clone no. 2D11

MONOSAN

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Product name	Mouse anti-Interleukin-1ra3, clone 2D11 (Monoclonal)
Host	Mouse
Applications	IHC-fr,ELISA,WB
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	2D11
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 IL-1ra3. IL-1ra3 belongs to the IL-1 system which 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. Three molecular isoforms of the IL-1 receptor antagonist (IL-1ra) have been identified and cloned. Secreted IL-1ra (sIL-1ra or IL-1ra1) contains a classical leader peptide giving a released mature protein. Two intracellular isoforms, icIL-1ra type I (IL-1ra2) and icIL-1 ra type II (IL-1ra3), have no leader sequence, thus predicting that these proteins remain intracellular. IL-1ra3 may represent a reservoir of IL-1 inhibitors, released upon cell death, whose function is to limit the pro-inflammatory action of cell debris. Studies have shown that IL-1ra3 is expressed by various cell types upon exposure to inflammatory signals but most prominently by mononuclear phagocytes and keratinocytes.

**References**

1. Muzio; M et al. J Exp Med 1995; 182: 623
2. Muzio, M et al Eur J Immunol 1999, 29: 781
3. -
4. -
5. -

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