

INTERLEUKIN-1ra3, clone 2D11 Monoclonal Antibody

Catalog No.: MON 5080

Quantity: 1 ml

Specificity

This monoclonal antibody reacts specifically with human IL-1ra3. The IL-1ra3 belongs to the IL-1 system which includes two agonists (IL-1 α and IL-1 β), converting enzymes, antagonistic two receptors (IL-1 R1 and IL-1 RII) 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-ra2) and icIL-1 ra type II (IL-ra3), 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 signals but most prominently by mononuclear phagocytes and keratinocytes.

Immunoglobulin type
murine IgG1

Use

The antibody can be used for Western Blots, immunohistology on frozen sections and immunoassays.

Presentation

1 ml (100 μ g/ml) purified antibody solution in PBS, 0.1% BSA, 0.02% Na-azide.

Literature

- Muzio, M, *Journal Exp Med*, 1995; 182: 623
- Muzio, M, *Eur J Immunol*, 1999 Mar ; 29(3): 781-8

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