

INTERLEUKIN-1 RII, clone 8.5 Monoclonal Antibody

Catalog No.: MON 5079

Quantity: 1 ml

Specificity

This monoclonal antibody reacts specifically with human IL-1 RII. The IL-1 system 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. The IL-1 RII 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 signaling IL-1 RI. The decoy IL-1 RII 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 RII exists which is shed, a process in which matrix metalloproteases have beenfound to play a role, by various cells including monocytes, polymorphonuclear cells, B cells and fibroblasts.

Immunoglobulin type
murine IgG1

Use

The antibody can be used for Western Blots, flow cytometry and immunoassays.

Presentation

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

Literature

- Mantovani, A. et al., *Ann N Y Acad Sci*, 1998 May 1; 840: 338-51
- Penton-Rol, G. et al., *Journal Immunol*, 1999 Mar 1; 162(5): 2931-8.

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