

Rat anti mouse Interleukin-1 R-Type 1 (IL1R-I)

ORDERING INFORMATION

Catalog Number:	mAP-0013
Size:	100 µg
Storage:	< -20° C
Immunogen:	Extracellular domain of mouse IL1R-I
Ig Type:	Rat IgG2
Clone:	RM0013-11B7
Applications:	WB and IHC (paraffin)

Description: IL-1 receptor type I (IL1R-I) is an 80 kD transmembrane glycoprotein and a member of the immunoglobulin superfamily expressed on T cells, thymocytes, dendritic cells, fibroblasts, vascular endothelial cells, epithelial cells and neural cells. IL1R-I binds the mature forms of IL-1 α , IL-1 β , and IL-1Ra proteins. High affinity binding and signaling by IL1R-I requires CD121a and the accessory protein, IL1R AcP, which does not bind IL-1 alone, but forms a dimer capable of binding IL-1.

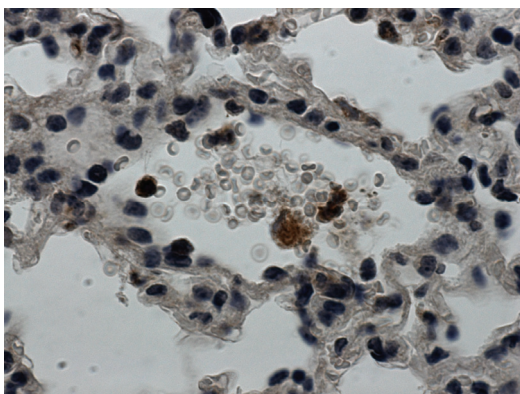
Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with mouse **Recombinant extracellular domain of mouse IL1R-I protein**

Formulation and Storage: The IgG fraction of culture supernatant was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS (final concentration 500µg/ml). Reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Application(s)

1.	WB	Yes	(1:1000)
2.	IHC (Paraffin)	Yes	(1: 50-200)



IL1R-I immunohistochemistry staining of paraffin sections of mouse lung from LPS exposed animals.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

For Research Use Only

Contact & Ordering Information: Angio-Proteomie, 11 Park Drive, Suite 12, Boston, MA 02215, USA. Tel: 617-549-2665; Fax: (480) 247-4337, angioproteomie@gmail.com