

IL1R1

Rat Anti-Mouse Interleukin 1 Receptor Type I Clone 11B7 mAb

Catalog No.	CMI250	Quantity:	100 µg
Alternate Names:	IL1 Receptor alpha chain, CD121a, CD121b, IL-IR, IL1R-1		
Gene ID:	16177		
Description:	Rat Anti-Mouse IL1R1 Clone 11B7 monoclonal antibody. IL1R1 is an 80 kDa 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. IL1R1 binds the mature forms of IL1-alpha, IL1-beta, and IL1Ra proteins. High affinity binding and signaling by IL1R1 requires CD121a and the accessory protein, IL1R AcP, which does not bind IL1 alone, but forms a dimer capable of binding IL1.		
Specificity:	Mouse IL1R1		
Host:	Rat		
Immunogen:	Extracellular domain of recombinant mouse IL1R1 protein		
Isotype:	IgG2		
Clone:	11B7		
Formulation:	Lyophilized from a 0.2 µm sterile filtered solution in PBS		
Purification:	Protein G affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add sterile PBS to the vial to fully solubilize the antibody.		
Applications:	Western Blot		
Application Notes:	For Western Blot, use a working dilution of 1:1,000. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Lyophilized antibody is stable for 2 years at -80°C and reconstituted antibody is stable for 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

