

IL1RN

Mouse Anti-Human IL-1RA/IL-1RNC clone JK1RA-1 mAb

Catalog No.	CSI12392 CSI12393	Quantity:	50 µg 0.5 mg
Alternate Names:	Interleukin-1 receptor antagonist, IL-1 inhibitor, IL-1 receptor antagonist protein (IRAP), IL-1 inhibitory activity, ILS, MG50, IL-1RN,		
Description:	Interleukin-1 receptor antagonist (IL-1RA) is composed of three isoforms, one secreted (sIL-1Rα/IL-1Rα1), two intracellular (IL-1Rα2/IL-1Rα3) and produced by monocytes, tissue macrophages, Langerhans cells, dendritic cells, T and B cells, natural killer (NK) cells, large granular lymphocytes (LGL), vascular endothelium, smooth muscle, fibroblasts, thymic epithelia, astrocytes, microglia, glioma cells, keratinocytes, and chondrocytes. It is upregulated by IL-1β, IL-4, IL-6 and downregulated by glucocorticoids. The JK1RA-1 antibody reacts with human interleukin-1 receptor antagonist (IL-1RA).		
Concentration:	0.5 mg/ml		
Gene ID:	3557		
Structure:	Cytokine; three isoforms, one secreted (sIL-1Rα/IL-1Rα1), two intracellular (IL-1Rα2/IL-1Rα3); 17 kD (Mammalian).		
Regulation:	Upregulated by IL-1β, IL-4, IL-6; downregulated by glucocorticoids .		
Receptors:	Type I IL-1R (CDw121a), Type II IL-1R (CDw121b).		
Immunogen:	Recombinant human IL-1 receptor antagonist		
Isotype:	Mouse IgG1		
Clone:	JK1RA-1		
Bioactivity:	Storage forms that are released upon cell death to limit inflammation caused by cell debris; competitive inhibitor of IL-1 receptor binding; antagonizes IL-1 activities without having agonist effects; does not initiate intracellular signal transduction pr		
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.05% sodium azide, 0.02% Proclin 950. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	The antibody was purified by affinity chromatography.		
Reactivity:	Human		
Applications:	ELISA Capture		
Recommended Usage:			



Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 4-6 µg/ml is recommended. It is recommended that the reagent be titrated for optimal performance for each application.

Storage & Stability:

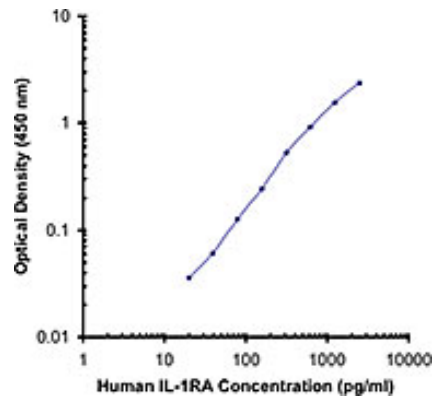
The antibody solution should be stored undiluted at 4°C.

Cellular Sources:

Monocytes, tissue macrophages, Langerhans cells, dendritic cells, T and B cells, natural killer (NK) cells, large granular lymphocytes (LGL), vascular endothelium, smooth muscle, fibroblasts, thymic epithelia, astrocytes, microglia, glioma cells, keratino.

Cellular Targets:

B cells, T cells, monocytes.



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