

IL1B

Mouse Anti-Human IL-1 beta (Clone B-A15) mAb

Catalog No.	CM1242	Quantity:	0.5 mg
Alternate Names:	IL-1, IL1F2, IL1-BETA		
Description:	The monoclonal antibody to human IL-1 β (clone B-A15) has shown to be suitable for intra-cytoplasmic flow cytometry and neutralization assays. This clone B-A15 recognizes both native pro and mature, as well as recombinant human IL-1beta.		
UniProt ID:	P01584		
Gene ID:	3553		
Source:	Produced in vitro using serum free medium.		
Specificity:	Recognizes both native pro and mature, and recombinant human IL-1 beta. Blocks IL-1 β induced proliferation of D10S cells.		
Isotype:	Mouse IgG1		
Clone:	B-A15		
Quantitation:	$E^{0.1\%}_{280\text{nm}} = 1.4$ for a 1 mg/ml solution.		
Formulation:	Lyophilized from sterile-filtered PBS containing 125 mM Trehalose		
Purification:	Ion exchange chromatography.		
Reconstitution:	Centrifuge vial briefly before opening. Reconstitute with 0.5 ml sterile distilled water, containing 0.02% sodium azide to prevent bacterial growth (recommended). Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	Flow cytometry, <i>In vitro</i> neutralization.		
Storage & Stability:	Lyophilized product is stable for at least one year at 2-8°C. After reconstitution, the contents can be safely stored at 2-8°C for one month or for one year in working aliquots at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		

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