

Anti-Mouse Interleukin-1 beta (IL-1 β) clone 2C12, Monoclonal Antibody

Catalog No:	CMI141
Size:	500 μ g
Clone Number:	2C12
Concentration:	0.5 mg, provided at a concentration of 1.2 mg/mL.
Formulation:	Purified immunoglobulin in phosphate buffered saline, pH 7.3.
Immunogen:	Highly purified recombinant mouse IL-1 beta, produced in <i>E. coli</i> .
Sterility:	Filtered (0.22 micron)
Isotype:	IgG1
Specificity:	Tested by Western blotting analysis to recognize recombinant mouse IL-1beta. Some cross-reactivity to human IL-1 beta has been observed.
Purification:	This antibody was purified from ascites by affinity chromatography, and is > 95% pure as assayed by SDS-PAGE and Coomassie Blue staining.
Applications:	Western Blotting and ELISA. Neutralizing activity has not been assessed.
Recommended Dilution:	Further dilutions should be made in phosphate buffered saline or other appropriate buffer with carrier protein such as 1.0% BSA. If carrier protein is not added to diluted product, activity could be lost. The addition of a preservative such as 0.1% sodium azide is also recommended.
Storage:	Store below -20°C. Upon initial thawing, apportion the antibody into working aliquots and store below -20°C. Avoid repeated freeze-thaw cycles to prevent denaturing the antibody.
Reference:	1) Szalai, A.J., F.W. van Ginkel, Y. Wang, J.R. McGhee, and J.E. Volanakis (2000) Complement-dependent acute-phase expression of C-reactive protein and serum amyloid P-component. <i>J. Immunol.</i> 165(2):1030-1035 (cites the use of this product as a capture antibody in ELISA).

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



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