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Product Datasheet

Anti-Murine IL-1beta Antibody, Rabbit, Polyclonal ABT-ABG10243-U050

Article Name	Anti-Murine IL-1beta Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10243-U050
Supplier Catalog Number	ABG10243-U050
Alternative Catalog Number	ABT-ABG10243-U050-50UG
Manufacturer	Abcepta
Host	Rabbit
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Mouse
Clonality	Polyclonal
Purity	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant mL-1beta. Anti-Murine IL-1beta specific antibody was purified by affinity chromatography employing immobilized mL-1beta matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect mIL-1beta by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant mIL-1beta is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.. **Sandwich:** To detect mIL-1beta by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems Biotinylated Anti-Murine IL-1beta (61-001BBT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mIL-1beta.. **Immunohistochemistry:** This antibody stained colchicine injected mouse brain (polymorph layer of the dentate gyrus) tissue. The primary antibody was incubated at 0.5 µg/ml overnight at 4°C. This was followed by a peroxidase conjugated secondary antibody and then a fluorescein Tyramide Signal Amplification (TSA(TM)) reagent. Optimal concentrations and conditions may vary. **Information and photo are courtesy of the Tissue Profiling group, SciLifeLab Stockholm.** **Neutralization:** To yield one-half maximal inhibition [ND₅₀] of the biological activity of mIL-1beta (10 pg/ml), a concentration of 0.57-0.86 µg/ml of this antibody is required.. **Reconstitution:** Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.