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Product Datasheet

Anti-Rat IL-1beta Antibody, Rabbit, Polyclonal ABT-ABG10244-U100

Article Name	Anti-Rat IL-1beta Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10244-U100
Supplier Catalog Number	ABG10244-U100
Alternative Catalog Number	ABT-ABG10244-U100-100UG
Manufacturer	Abcepta
Host	Rabbit
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Rat
Clonality	Polyclonal
Purity	Produced from sera of rabbits immunized with highly pure recombinant Rat IL-1beta. Anti-Rat IL-1beta specific antibody was purified by affinity chromatography employing an immobilized Rat IL-1beta matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect Rat IL-1beta by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Rat IL-1beta is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.. **Sandwich:** To detect Rat IL-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-Rat IL-1beta (62-001BBT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IL-1beta.. **Immunohistochemistry:** This antibody stained colchicine injected rat brain (including the ventricles and the CA3 region of the hippocampus) tissue. The primary antibody was incubated at 0.25 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 [ND<50] of the biological activity of Rat IL-1beta (0.20 ng/ml), a concentration of 0.09-0.14 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.