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Product Datasheet

Anti-Murine IL-1alpha Antibody, Rabbit, Polyclonal ABT-ABG10236-U050

Article Name	Anti-Murine IL-1alpha Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10236-U050
Supplier Catalog Number	ABG10236-U050
Alternative Catalog Number	ABT-ABG10236-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 mIL-1alpha. Anti-Murine IL-1alpha specific antibody was purified by affinity chromatography employing immobilized mIL-1alpha matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect mIL-1alpha 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-1alpha is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions..

Sandwich: To detect mIL-1alpha 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-1alpha (61-001ABT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant mIL-1alpha..

Immunohistochemistry: This antibody stained colchicine injected mouse brain (including the hippocampal fissure) tissue. The primary antibody was incubated at 1.0 mg/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. .

Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of mIL-1alpha (0.05 ng/ml), a concentration of 0.0 3- 0.05 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.