

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Anti-Murine IL-1beta Antibody, Rabbit, Polyclonal ABT-ABG10243-U100

Article Name	Anti-Murine IL-1beta Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10243-U100
Supplier Catalog Number	ABG10243-U100
Alternative Catalog Number	ABT-ABG10243-U100-100UG
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-1beta. Anti-Murine IL-1beta specific antibody was purified by affinity chromatography employing immobilized mIL-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 [ND<sub>50</sub>] 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.