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Product Datasheet

Anti-Human RANTES Antibody, Mouse, Monoclonal ABT-ABG10473-U500

Article Name	Anti-Human RANTES Antibody, Mouse, Monoclonal
Biozol Catalog Number	ABT-ABG10473-U500
Supplier Catalog Number	ABG10473-U500
Alternative Catalog Number	ABT-ABG10473-U500-500UG
Manufacturer	Abcepta
Host	Mouse
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Clonality	Monoclonal
Purity	Produced in BALB/c mice using highly pure (>98%) human RANTES as the immunizing antigen. This IgG2bK antibody was purified from ascites fluid by Protein A affinity chromatography.
Form	A sterile filtered antibody solution was lyophilized from PBS.
Antibody Type	Monoclonal Antibody

Application Notes

WesternBlot: To detect hRANTES by Western Blot analysis this antibody can be used at a concentration of 0.5-1.0 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hRANTES is 0.25-2.0 ng/lane, under reducing conditions and 0.25-0.50 ng/lane, under non-reducing conditions.. Sandwich: In a sandwich ELISA (assuming 100µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 500 pg/ml of recombinant human RANTES when used with BioGems biotinylated antigen affinity purified anti-human RANTES (60-285BT) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml.. Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human tonsil. The recommended concentration is 10.0 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 citrate buffer is recommended. Optimal concentrations and conditions may vary. Protocol and staining provided by Dr. Lauren Binge, Laboratory of Prof. Charles Mackay, Monash Univeristy, Australia.

 *Additional Immunostaining data available. Please contact Tech Support for information.. Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human RANTES (100 ng/ml), a concentration of 3.0-5.0 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.