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Anti-Human RANTES Antibody

Catalog # ABG10473

Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Additional Information

Preparation	Produced in BALB/c mice using highly pure (>98%) human RANTES as the immunizing antigen. This $IgG2_{bK}$ antibody was purified from ascites fluid by Protein A affinity chromatography.
WesternBlot	To detect hRANTES by Western Blot analysis this antibody can be used at a concentration of 0.5-1.0 □g/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 100 □l/well), a concentration of 2.0-4.0 □g/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 □g/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 [ND_{50}] of the biological activity of Human RANTES (100 ng/ml), a concentration of 3.0-5.0 µg/ml of this antibody is required.
Formulation	A sterile filtered antibody solution was lyophilized from PBS.
Reconstitution	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
Storage	-20°C

Precautions	Anti-Human RANTES Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.