

Anti-Human RANTES Antibody
Catalog # ABG10473**Specification**

Anti-Human RANTES Antibody - Product Information

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

Anti-Human RANTES Antibody - 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 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's 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 University, 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.

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.

Anti-Human RANTES Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Human RANTES Antibody - Images