

Anti-Rat IP-10 Antibody
Catalog # ABG10317**Specification****Anti-Rat IP-10 Antibody - Product Information**

Application	WB, IHC, E
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal

Anti-Rat IP-10 Antibody - Additional Information**Preparation**

Produced from sera of rabbits immunized with highly pure recombinant Rat IP-10. Anti-Rat IP-10 specific antibody was purified by affinity chromatography employing an immobilized Rat IP-10 matrix.

WesternBlot

To detect Rat IP-10 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 Rat IP-10 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect Rat IP-10 by sandwich ELISA (using 100µl/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's Biotinylated Anti-Rat IP-10 (62-062BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat IP-10.

Immunohistochemistry

This antibody stained colchicine injected rat brain (including the caudate putamen) tissue. The primary antibody was incubated at 0.25 µg/ml overnight at 4°C. This was followed by a peroxidase conjugated secondary antibody and then a fluorescein Tyramide Signal Amplification (TSA™) reagent. Optimal concentrations and conditions may vary.

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Information and photo are courtesy of the Tissue Profiling group, SciLifeLab Stockholm.

Neutralization

To yield one-half maximal inhibition [ND_{50}] of the biological activity of Rat IP-10 (100 ng/ml), a concentration of 5.0-10.0 μ g/ml of this antibody is required.

Formulation

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

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-Rat IP-10 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Rat IP-10 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](#)