

Rabbit Anti-Conjugated Histamine Polyclonal Antibody

Catalog No: PA2023

Size: 100 µl / vial

Description

Polyclonal antisera were raised in rabbits after immunization with the conjugates : Histamine-Glutaraldehyde-Carriers.

Storage and handling

Antisera were aliquoted (100µl) and stored at -20°C or lower. They are stable for at least 2 years. Each aliquot can be thawed and refrozen up to 5 times. It can be prediluted 10X in PBS containing 0.1% merthiolate or a mixture PBS/glycerol (vol/vol). These solutions are stable at +4°C for 2 months.

Lyophilized antisera are stable at least 1 year. Reconstitute with 100µl pure water. For storage at +4°C, use pure water with 0.1% merthiolate. This solution is stable at +4°C for 2 months. For storage at -20°C, a mixture of water /glycerol (vol./vol.) is preferred.

Specificity

Using a conjugate Histamine-Glutaraldehyde-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds :

| Compound | Cross-reactivity ratio (a) |
|-------------------------|----------------------------|
| Histamine-G-BSA | 1 |
| 1-Methylhistamine-G-BSA | 1/> 50,000 |
| 3-Methylhistamine-G-BSA | 1/> 50,000 |
| Histidine-G-BSA | 1/> 50,000 |

(a) Histamine-G-BSA concentration/unconjugated or conjugated aminoacid concentration at half displacement
BSA Bovine Serum Albumin.

Recommended dilution

The anti-conjugated Histamine antibodies can be diluted between 1/2,000-1/5,000.

Reference

• MANETA-PEYRET L., MOREAU P., DULLUC J. and GEFFARD M. Antibodies to histamine. Specificity studies and radioimmunological assay. J. Immunol. methods., (1986) 90, 39-45

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMAN DIAGNOSTIC OR THERAPEUTIC PROCEDURES.



Cell Sciences, Inc.
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Web Site: www.cellsciences.com