

**Anti-Conjugated Histamine**
RABBIT POLYCLONAL

Catalog Number: AB-T024
Quantity: 50 microliters
Format: Lyophilized and reconstituted with deionized water / 50% glycerol
Host: Rabbit
Isotype: IgG
Immunogen: Synthetic histamine conjugated to bovine serum albumin

Specificity & Preparation: Antiserum previously preabsorbed on protein carriers and purified by ammonium sulfate precipitation.

This antibody targets conjugated histamine. **This antibody does not recognize free histamine.**

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

Usage: Tested applications include immunocytochemistry and immunohistochemistry. Optimal dilutions should be determined by each laboratory for each application. Fixation of tissue for use with these antibodies should be done with glutaraldehyde. The use of paraformaldehyde in conjunction with glutaraldehyde may improve staining results.

Storage: Store the antibody at 4°C for one month or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate.

COMPOUND	CROSS REACTIVITY §
Histamine-G-BSA	1
1-Methylhistamine-G-BSA	1/>50,000
3-Methylhistamine-G-BSA	1/>50,000
Histidine-G-BSA	1/>50,000

G = Glutaraldehyde, BSA = Bovine Serum Albumin

§ Histamine-G-BSA concentration/unconjugated or conjugated amino acids concentration at half displacement.

**Selected References:**

1. Maneta-Peyret L, Moreau P, Dulluc J, Geffard M (1986) Antibodies to histamine. Specificity studies and radioimmunological assay. J Immunol Methods 90(1):39-45.

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