

Product datasheet

Anti-Histamine antibody ab6449

Overview

Product name	Anti-Histamine antibody										
Description	Rabbit polyclonal to Histamine										
Host species	Rabbit										
Specificity	Using a conjugate Histamine-Glutaraldehyde-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds: <table> <thead> <tr> <th>Compound</th> <th>Cross-reactivity ratio*</th> </tr> </thead> <tbody> <tr> <td>Histamine-G-BSA</td> <td>1</td> </tr> <tr> <td>1-Methylhistamine-G-BSA</td> <td>1/>50,000</td> </tr> <tr> <td>3-Methylhistamine-G-BSA</td> <td>1/>50,000</td> </tr> <tr> <td>Histidine-G-BSA</td> <td>1/>50,000</td> </tr> </tbody> </table> *Histamine-G-BSA concentration/conjugated amino acid concentration at half displacement	Compound	Cross-reactivity ratio*	Histamine-G-BSA	1	1-Methylhistamine-G-BSA	1/>50,000	3-Methylhistamine-G-BSA	1/>50,000	Histidine-G-BSA	1/>50,000
Compound	Cross-reactivity ratio*										
Histamine-G-BSA	1										
1-Methylhistamine-G-BSA	1/>50,000										
3-Methylhistamine-G-BSA	1/>50,000										
Histidine-G-BSA	1/>50,000										
Tested applications	Suitable for: ELISA										
Immunogen	Chemical/ Small Molecule by a Glutaraldehyde linker.										

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Purity	Ammonium Sulphate Precipitation
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab6449** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/2000 - 1/5000.

Target

Relevance

Histamine is located in mast cells, endocrine cells of the gut, blood cells and in some cells of the peripheral and central nervous system. Histamine is a potent vasodilator when secreted by mast cells found in various tissues as a result of allergic hypersensitivity or inflammation. Histamine causes running nose, sneezing and itching, and narrows the airways in the lungs. In the central nervous system, Histamine is putative neurotransmitter. In the brain, its highest content has been found in the hypothalamus and in certain areas of the mesencephalon.

Cellular localization

Secreted

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