

Product datasheet

Anti-Arginine antibody ab6465

Overview

Product name	Anti-Arginine antibody						
Description	Rabbit polyclonal to Arginine						
Host species	Rabbit						
Specificity	<p>Using conjugated arginine-Glutaraldehyde-Protein, antibody specificity was performed with an ELISA test by competition experiments with the following compounds:</p> <table border="1"> <thead> <tr> <th>Compound</th><th>Cross-reactivity ratio (a)</th></tr> </thead> <tbody> <tr> <td>Arginine-G-BSA</td><td>1</td></tr> <tr> <td>Glutamine-G-BSA, Asparagine-G-BSA, Lysine-G-BSA</td><td>1/>100,000</td></tr> </tbody> </table> <p>(a) Arginine-G-BSA concentration/unconjugated or conjugated amino acids concentration at half displacement G = Glutaraldehyde, BSA = Bovine Serum Albumin</p>	Compound	Cross-reactivity ratio (a)	Arginine-G-BSA	1	Glutamine-G-BSA, Asparagine-G-BSA, Lysine-G-BSA	1/>100,000
Compound	Cross-reactivity ratio (a)						
Arginine-G-BSA	1						
Glutamine-G-BSA, Asparagine-G-BSA, Lysine-G-BSA	1/>100,000						
Tested applications	Suitable for: ELISA						
Species reactivity	Reacts with: Species independent						
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	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab6465 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		

Application notes

ELISA: 1:2000 - 5000 dilution in PBS
Optimal dilutions should be determined by the individual.

Target

Relevance

Arginine is an alpha amino acid. The L form is one of the 20 most common natural amino acids. In mammals, arginine is classified as a semi essential or conditionally essential amino acid, depending on the developmental stage and health status of the individual.

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