

# Anti-Adenosyl Homocysteine antibody [EPR4499] ab111903

Recombinant RabMAb

[1 References](#) [2 Images](#)

### Overview

<b>Product name</b>	Anti-Adenosyl Homocysteine antibody [EPR4499]
<b>Description</b>	Rabbit monoclonal [EPR4499] to Adenosyl Homocysteine
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody shows the following reactivities with related compounds: S-(5'-Adenosyl)-L-homocysteine: 100% S-(5'-Adenosyl)-L-methionine: 0% Adenosine: 4.4% Homocysteine: 4.4% Cystathionine: 0% L-Cysteine: 1.5% Glutathione: 1.8%
<b>Tested applications</b>	<b>Suitable for:</b> Competitive ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Chemical/ Small Molecule corresponding to Adenosyl Homocysteine conjugated to keyhole limpet haemocyanin.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
<b>Purity</b>	Tissue culture supernatant

Clonality	Monoclonal
Clone number	EPR4499
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab111903 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

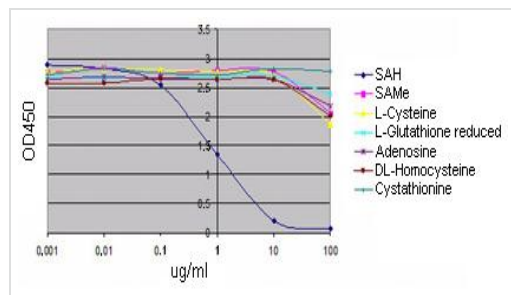
Application	Abreviews	Notes
Competitive ELISA		1/5000.

## Target

**Relevance** Adenosyl Homocysteine is a competitive inhibitor of S-adenosyl-L-methionine-dependant methyl transferase reactions and therefore may play a key role in the control of methylations via regulation of the intracellular concentration of adenosylhomocysteine.

**Cellular localization** Cytoplasmic

## Images



Competitive ELISA - Anti-Adenosyl Homocysteine antibody [EPR4499] (ab111903)

Competitive ELISA: 0.1 µg/ml of BSA-S-adenosylhomocysteine was coated into 96 wells. Serial dilution of S-adenosylhomocysteine (SAH), SAdMe, et al. and 0.05 µg/ml of ab111903 were added. HRP conjugated Goat anti-Rabbit IgG antibody was used to develop the color.

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Adenosyl Homocysteine antibody [EPR4499]  
(ab111903)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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