

Product datasheet

# Anti-Adenosyl Homocysteine antibody [EPR4499] ab111903

Recombinant RabMAb

1 References 1 Image

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>	ab111903 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>Immunogen</b>	Adenosyl Homocysteine conjugated to KLH.
<b>General notes</b>	

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> patents](#)

This product is a recombinant rabbit monoclonal antibody.

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>	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR4499
<b>Isotype</b>	IgG

Applications

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.

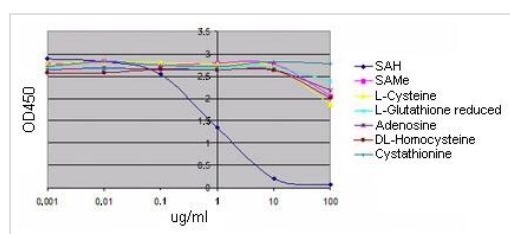
Application	Abreviews	Notes
Competitive ELISA		1/5000.

## 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 - Adenosyl Homocysteine antibody [EPR4499] (ab111903)

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

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