

Product datasheet

Anti-Adenosyl Homocysteine antibody [EPR4499] ab111903

Recombinant RabMAB

1 References 1 Image

Overview

Product name	Anti-Adenosyl Homocysteine antibody [EPR4499]
Description	Rabbit monoclonal [EPR4499] to Adenosyl Homocysteine
Host species	Rabbit
Specificity	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%
Tested applications	Suitable for: Competitive ELISA
Immunogen	Adenosyl Homocysteine conjugated to KLH.
General notes	

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

This product is a recombinant rabbit monoclonal antibody.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR4499
Isotype	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.

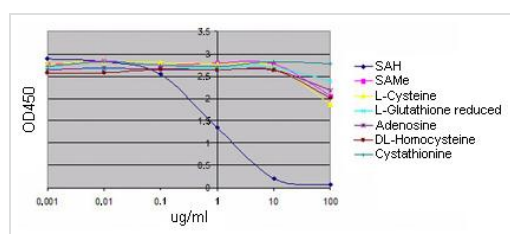
Application	Abreviews	Notes
Competitive ELISA		1/5000.

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 - 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), SAMe, et al. and 0.05 µg/ml of ab111903 were added. HRP conjugated Goat anti-Rabbit IgG antibody was used to develop the color.

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