**Product datasheet**

**Anti-Adenosyl Homocysteine antibody [EPR4499] ab111903**

1 References 1 Image

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**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

**Species reactivity**  Reacts with: Species independent

**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.

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**Properties**

**Form**  Liquid

**Storage instructions**  Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

**Storage buffer**  pH: 7.20
Preservative: 0.05% Sodium azide
Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant

**Purity**  Tissue culture supernatant

**Clonality**  Monoclonal

**Clone number**  EPR4499

**Isotype**  IgG
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

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.

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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: 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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