

HRP-anti-SAH 2a

Product name	HRP-anti-SAH 2a
Catalog Number	MAH00302-50
Description	Horseradish peroxidase (HRP) conjugated anti-S-adenosylhomocysteine monoclonal antibody clone 301-16
Specificity	MAH00302 shows the following reactivities with related compounds: S-Adenosylhomocysteine: 100%, S-Adenosylmethionine: < 3%, Adenosine: < 1%, Homocysteine: < 1%, L-Cysteine: < 1%, Glutathione: < 1%, L-Cystathionine: < 1%, Methythioadenosine (MTA): < 5%, ADP (adenosine diphosphate): < 1%, ATP (adenosine triphosphate): < 1%.
Immunogen	S-Adenosylhomocysteine conjugated to BSA

Properties

Form	Liquid
Storage instructions	Store at -20°C
Storage buffer	PBS 10mM pH7.4 (NaCl 150mM), Proclin 0.1%, Glycerol 50%, BSA 10mg/ml
Purity	>95% Purified from mouse ascites fluid by affinity chromatography
Clonality	Monoclonal
Clone number	301-16
Immunoglobulin isotype	IgG3
Research Areas	Methylation of biomolecules (DNA, RNA, proteins, hormones, neurotransmitters, etc.) One-carbon metabolism Signal Transduction Metabolism Pathways and Processes Cancers Arthritis Heart diseases Neurodegenerative diseases Atherosclerosis Liver diseases Kidney diseases

Applications

The use of MAH00302 in the following tested applications has been tested.

The application notes include recommended starting dilutions. Optimal dilutions/concentrations should be determined by the end user. The product may be used in other not-yet-tested applications. Refer to Cat # MA00304 for details.

Application	Notes
cELISA	1/500 – 1/1,000 (depending on the amount of coating)

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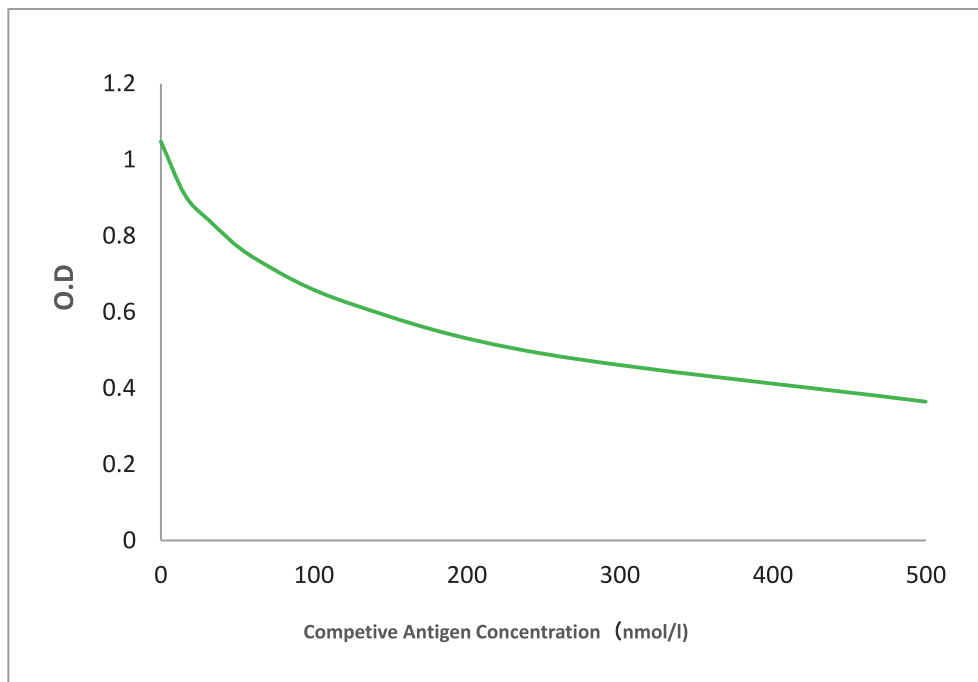


Figure 1 The standard curve with HRP-301-16 in direct competitive ELISA. The 0.5 µg/ml of SAH coating standard (Cat # ACT00302 Lot # ACP420210) was coated on micro-titer wells. Serial dilution of SAH standard (Cat # AST00301) was added along with 1:1,000 diluted HRP-301-16 and was incubated for about 60 minutes. The substrates were then added and OD450 was measured.