

Product Datasheet

MDH1 Antibody - BSA Free

NBP1-77780-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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MDH1 Antibody - BSA Free

Product Information

Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 100 ul deionized water (or equivalent)
Isotype	IgG
Purity	Multi-step
Buffer	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Product Description

Description	This antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep Serum as well as purified and partially purified Malate Dehydrogenase [Pig Heart] Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Sheep
Gene ID	4190
Gene Symbol	MDH1
Species	Porcine
Reactivity Notes	Cross reactivity against MDH1 from other tissues and species may occur but have not been specifically determined.
Immunogen	MDH1 [Pig Heart] (Uniprot: P11708)

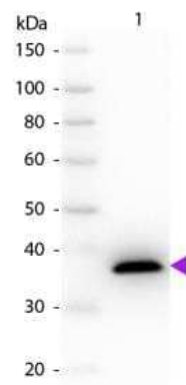
Product Application Details

Applications	Western Blot, ELISA, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA 1:5000-1:20000, Immunoprecipitation 1:100
Application Notes	This product has been tested by western blot and is suitable to be assayed against 1.0 ug of Malate Dehydrogenase [Pig Heart] in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Sheep IgG [H&L] (Goat) and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:40,000 of the reconstitution concentration is suggested for this product.

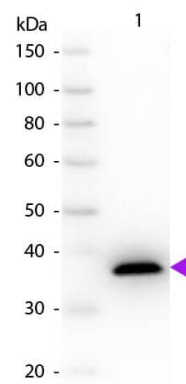


Images

Western Blot: MDH1 Antibody [NBP1-77780] - Malate Dehydrogenase Antibody



Western Blot of Sheep anti-Malate Dehydrogenase antibody. Lane 1: Malate Dehydrogenase. Lane 2: None. Load: 50 ng per lane. Primary antibody: Malate Dehydrogenase antibody at 1:1,000 for overnight at 4C. Secondary antibody: Peroxidase sheep secondary antibody at 1:40,000 for 30 min at RT. Block for 30 min at RT. Predicted/Observed size: 36 kDa, 36 kDa for Malate Dehydrogenase. Other band(s): None





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Products Related to NBP1-77780-0.1mg

HAF016	Donkey anti-Sheep IgG Secondary Antibody [HRP]
NL010	Donkey anti-Sheep IgG Secondary Antibody [NL557]
NBP1-97055-10mg	Sheep IgG Isotype Control
NBP1-99038-100ug	Recombinant E. coli MDH1 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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