

## Anti-MALATE DEHYDROGENASE (Pig Heart) (SHEEP) Antibody - 100-601-145

**Code:** 100-601-145

**Size:** 2 mL

**Product Description:** Anti-MALATE DEHYDROGENASE (Pig Heart) (SHEEP) Antibody - 100-601-145

**Concentration:** 80 mg/mL by Refractometry

**PhysicalState:** Lyophilized

<b>Label</b>	Unconjugated
<b>Host</b>	Sheep
<b>Gene Name</b>	MDH1
<b>Species Reactivity</b>	pig (Sus scrofa)
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	2.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	None
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C 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 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Synonyms</b>	sheep anti-Malate Dehydrogenase Antibody, Malate dehydrogenase cytoplasmic, Cytosolic malate dehydrogenase
<b>Application Note</b>	This product has been 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) code #611-1302 and (ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:12,000 of the reconstitution concentration is suggested for this product.
<b>Background</b>	Catalytic activity of Malate Dehydrogenase is (S)-malate + NAD+ = oxaloacetate + NADH.
<b>Purity And Specificity</b>	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-sheep serum, purified and partially purified Malate Dehydrogenase [Pig Heart]. Cross reactivity against Malate Dehydrogenase from other tissues and species may occur but have not been specifically determined.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:5,000 - 1:20,000
<b>Western Blot</b>	1:500 - 1:5,000
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Malate Dehydrogenase [Pig Heart]

### Related Products

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304
KCB002	HRP Western Blot Anti-Mouse IgG Antibody - KCB002

### Related Links

UniProtKB - P11708

<http://www.uniprot.org/uniprot/P11708>

NCBI - P11708.4 <http://www.ncbi.nlm.nih.gov/protein/P11708.4>

GeneID - 396894

### **Disclaimer**

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