

MOUSE ANTI-CITRATE SYNTHASE
MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB3087	QUANTITY:	100 µg
LOT NUMBER:		CONCENTRATION:	1 mg/mL
CLONE NAME:	D3G4	HOST/ISOTYPE:	Ms IgM
SPECIFICITY:	Citrate synthase determined by ELISA. Shows intense intracellular granular reactivity with human muscle and liver when tested by immunohistochemistry on formaldehyde-fixed, paraffin embedded tissue sections. In the case of anaerobic damage/necrosis, the affected cells showed characteristic loss of reactivity compared to normal tissue.		
IMMUNOGEN:	Porcine heart citrate synthase.		
APPLICATIONS:	ELISA Dot Blot under non-reducing conditions only. Immunohistochemistry: formaldehyde-fixed, paraffin embedded sections. <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Human and porcine. Reactivity with other species has not been determined.		
FORMAT:	Immunioglobulin purified from ascites		
PRESENTATION:	Liquid in 0.02M PB with 0.25 M NaCl, pH=7.6, 0.1% Sodium Azide.		
STORAGE/HANDLING:	Maintain at 2-8°C in undiluted aliquots for up to 12 months.		
REFERENCES:	Nemeth, P. <i>et al.</i> (1991). Immunological mapping of fine molecular surface structures of citrate synthase enzymes from different cell types. <i>J. Mol. Recogn.</i> 4 :77-83. <i>ICSU Short Reps.</i> (1990) 10 :11. Alter, G. M. <i>et al.</i> (1990). Mutation of essential catalytic residues in pig citrate synthase <i>Biochemistry</i> 29 :7557-7563.		

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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