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Monoclonal Anti-Bovine Haptoglobin

Catalog No.	HAPT-11-7H8
Description	Mouse monoclonal IgG1k
Purity	≥90% by SDS PAGE
Clone	7H8-31
KD	2×10^{-9} M (Determined using an Octet QK™ in a buffer of 150 mM NaCl, 10 mM sodium phosphate, pH 7.2 and 7% w/v BSA, using biotinylated bovine haptoglobin)
Form	Liquid
Concentration	1 - 5 mg/ml mg/ml ($E^{1\%}$ at 280 nm = 14.0)
Buffer	10 mM Sodium Phosphate, 150 mM NaCl, 0.09% NaN ₃ , pH 7.2
Storage	2°C - 8°C short term, -80°C long term
Recertification	April 2024
Applications	ELISA, Western blot, SPARCL™
Immunogen	Purified bovine haptoglobin
Manufactured	In the United States of America

Comments: This antibody recognizes bovine haptoglobin but does not react with haptoglobin from mouse, rat, cat, dog, pig, monkey and horse. It recognizes the heavy chain of haptoglobin in western blots. In ELISA it pairs with HAPT-11-6H6 when the latter is used as capture antibody. It was developed and manufactured at Life Diagnostics, Inc. Purification was performed from serum-free hybridoma supernatant using protein-G agarose chromatography.