

Monoclonal Anti-Bovine Haptoglobin

Catalog No.	HAPT-11-3F7
Description	Mouse monoclonal IgG1k
Purity	≥90% by SDS PAGE
Clone	3F7-36
Form	Liquid
Concentration	1-5 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	November 2025
Applications	ELISA, Western blot, SPARCL™
Immunogen	Purified bovine haptoglobin
Manufactured	In the United States of America

Comments: This antibody was developed using bovine haptoglobin as immunogen. It recognizes the heavy chain of haptoglobin in western blots. In serial immunoassays it can be used as both capture and detection antibody (haptoglobin is an oligomer and therefore presents multiple epitopes to the antibody). Importantly, hemoglobin does not interfere with 3F7-36 binding to haptoglobin. It was developed and manufactured at Life Diagnostics, Inc. Purification was performed from serum-free hybridoma supernatant using molecular sieve chromatography.