



EAGLE
BIOSCIENCES

Anti-PGH Synthase-1 [cyo-5]

Product Number: PGH00-A1000

Aliquot: 1 mL

Storage: -70° C

PRODUCT SPECIFICATION SHEET

Immunoglobulin Type:	Monoclonal Mouse IgG2b.
Specificity:	Reacts with sheep, bovine, guinea pig, rabbit and human PGH Synthase. Does not react with rat, mouse or dog PGH Synthase.
Uses:	Immunoassay or immunohistochemical localization of Prostaglandin H Synthase.
Contents (per vial):	1 mL of culture medium from the cyo-5 hybridoma cell line containing 0.1% sodium azide.
Concentration:	Approximately 50 µg IgG/mL.
Stability:	Stable for several weeks at 4° C, several months at -20°C, and indefinitely at -70°C. Avoid repeated freezing and thawing.
References:	<p>DeWitt, D.L., et al., Concentrations of PGH Synthase and PGI2 Synthase in the Endothelium and Smooth Muscle of Bovine Aorta. <i>J. Clin. Invest.</i> 72: 1882 (1983).</p> <p>DeWitt, D.L., et al., Orientation of the Active Site and Antigenic Determinants of Prostaglandin Endoperoxide (PGH) Synthase in the Endoplasmic Reticulum. <i>J. Biol. Chem.</i> 256: 10375 (1981).</p> <p>Pagels, W.R., et al., Immunochemical Evidence for the Involvement of Prostaglandin Endoperoxide Synthase in Hydroperoxide-Dependent Oxidations by Ram Seminal Vesicles. <i>J. Biol. Chem.</i> 258: 6517 (1983).</p> <p>Smith, W.L. and Rollins, T.E., Characteristics of Rabbit Anti-PGH Synthase Antibodies and Use in Immunocytochemistry. <i>Methods in Enzymology</i> 86: 213 (1982).</p> <p>DeWitt, D.L., et al., Monoclonal Antibodies Against PGH Synthase: An Immunoradiometric Assay for Quantitating the Enzyme. <i>Methods in Enzymology</i> 86: 229 (1982).</p>

Product Developed and Manufactured in the USA

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