



OXFORD BIOMEDICAL RESEARCH

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Product specifications

Anti-PGH Synthase-1 [cyo-5]

Product #: PG 22

Lot #: 10B90DF

- 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^o C, several months at -20°C, and indefinitely at -70°C. Avoid repeated freezing and thawing.
- References:**
- DeWitt, D.L., et al., Concentrations of PGH Synthase and PGI₂ Synthase in the Endothelium and Smooth Muscle of Bovine Aorta. *J. Clin. Invest.* **72**: 1882 (1983).
- DeWitt, D.L., et al., Orientation of the Active Site and Antigenic Determinants of Prostaglandin Endoperoxide (PGH) Synthase in the Endoplasmic Reticulum. *J. Biol. Chem.* **256**: 10375 (1981).
- Pagels, W.R., et al., Immunochemical Evidence for the Involvement of Prostaglandin Endoperoxide Synthase in Hydroperoxide-Dependent Oxidations by Ram Seminal Vesicles. *J. Biol. Chem.* **258**: 6517 (1983).
- Smith, W.L. and Rollins, T.E., Characteristics of Rabbit Anti-PGH Synthase Antibodies and Use in Immunocytochemistry. *Methods in Enzymology* **86**: 213 (1982).
- DeWitt, D.L., et al., Monoclonal Antibodies Against PGH Synthase: An Immunoradiometric Assay for Quantitating the Enzyme. *Methods in Enzymology* **86**: 229 (1982).