OXFORD BIOMEDICAL RESEARCH
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Product specifications

Anti-PGH-1 Synthase [cyo-1]

Product # PG 21 Typical Lot

Immunoglobulin Type: Monoclonal Mouse IgG2b.

Specificity: Reacts with sheep, bovine, human and rat PGH-1 Synthase. Does not react with guinea pig, rabbit, mouse or dog PGH-1 Synthase.

Uses: Immunohistochemical localization of Prostaglandin H Synthase 1 or immunoassay @ 1:100 or better.

Contents (per vial): 1 mL of culture medium from the cyo-1 hybridoma cell line containing 0.1% sodium azide.

Concentration: 90 µg IgG/mL

Stability: Stable for 6-8 months at 4° C. DO NOT REFREEZE.

References:

DeWitt, D.L., Day, J.S., Sonnenburg, W.K., and Smith, W.L. 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., Rollins, T.E., Day, J.S., Gauger, J.A., and Smith, W.L. 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., Marnett, L.J., DeWitt, D.L., and Smith, W.L. 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 Immunochemistry. Methods in Enzymology 86: 213 (1982).

DeWitt, D.L., Day, J.S., Gauger, J.A., and Smith, W.L. Monoclonal Antibodies Against PGH Synthase: An Immunoradiometric Assay for Quantitating the Enzyme. Methods in Enzymology 86: 229 (1982).