



EAGLE
BIOSCIENCES

Anti-Prostacyclin Synthase

Product Number: PRS00-A1000

Aliquot: 1 mL

Storage: -70° C

PRODUCT SPECIFICATION SHEET

Immunoglobulin Type:	Monoclonal Mouse IgG ₁ .
Specificity:	Bovine PGI ₂ Synthase reacts to most mammalian species, including bovine, mouse, rat, sheep, guinea pig, and rabbit.
Concentration:	At least 20 µg IgG/ml
Applications:	Immunoassay (titre from 1/10), immunoprecipitate PGI synthase activity(1/2 dilution), and immunohistochemical localization of PGI ₂ Synthase (undiluted).
Contents per Vial:	1 ml of culture medium from the isn-1 hybridoma cell line containing 0.1% sodium azide.
Stability:	Stable for several weeks at 4 ⁰ C, several months at -20°C, and indefinitely at -70°C. Avoid repeated freeze/thaws.

References:

- Smith, W.L., DeWitt, D.L., and Allen, M.L. Bimodal Distribution of the PGI₂ synthase antigen in smooth muscle cells. J. Biol. Chem. 258: 4922 (1983).
- 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., and Smith, W.L. Purification of PGI₂ Synthase by Immunoaffinity Chromatography: Evidence that the Enzyme is a Hemoprotein. J. Biol. Chem. 258: 3285 (1983).
- DeWitt, D.L. and Smith W.L. Monoclonal Antibodies Against PGI₂ Synthase: An Immunoradiometric Assay for Quantitating the Enzyme. Methods in Enzymology 86: 240 (1982).

Product Developed and Manufactured in the USA

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