



**EAGLE**  
BIOSCIENCES

## Anti-Prostaglandin H Synthase-1

Product Number: PHS00-A100

Aliquot: 100  $\mu$ L

Storage: -20° C

### PRODUCT SPECIFICATION SHEET

**Immunoglobulin  
Type:**

Monoclonal Mouse IgG.

**Specificity:**

This antibody was developed against ovine PGHS-1 and specifically reacts with ovine PGHS-1 at 1:1000 or higher dilution.

**Applications:**

For Western blotting and Immunohistochemistry using alkaline phosphatase or horseradish peroxidase, a dilution of 1:1000 is recommended. With a more sensitive detection system, such as enhanced chemiluminescence or ELISA, the antibody may be diluted further.

**Contents per Vial:**

100  $\mu$ L of ascetic fluid containing 0.1% sodium azide.

**Storage:**

Stable several weeks at 4°C or several months at -20°C. Avoid repeated freeze/thaw cycles.

**References:**

DeWitt, D.L., et al., Concentrations of PGH Synthase and PGI<sub>2</sub> 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 Immunochemistry. *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).

*Product Developed and Manufactured in the USA*

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