

## Datasheet

### PTGS1 monoclonal antibody

**Catalog Number:** MAB3795

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against PTGS1.

**Immunogen:** Sheep PTGS1.

**Host:** Mouse

**Reactivity:** Sheep

**Applications:** ELISA, IHC, WB

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody is specifically reacts with ovine Prostaglandin H Synthase 1 (PGHS-1), also known as Cyclooxygenase 1 (COX-1), and are specific to COX-1 without cross reactivity to Cyclooxygenase 2 (COX-2).

**Form:** Liquid

**Recommend Usage:** Western Blot (1:1000)

Immunohistochemistry (1:1000)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In buffer containing 0.1% sodium azide

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

#### References:

1. Immunofluorescent localization of constitutive and inducible prostaglandin H synthase in ovine astroglia. Thore CR, Nam MJ, Busija DW. J Comp Neurol. 1996 Mar 25;367(1):1-9.
2. Identification of a pharmacologically distinct prostaglandin H synthase in cultured epithelial cells. Holtzman MJ, Turk J, Shornick LP. J Biol Chem. 1992

Oct 25;267(30):21438-45.

3. Prostaglandin H synthase immunoreactivity in human gut. An immunohistochemical study. Mikkelsen HB, Rumessen JJ, Qvortrup K. Histochemistry. 1991;96(4):295-9.