

**PP500P****Normal Goat IgG****Quantity:**

1 mg

**Host / Isotype:**

Goat / IgG

**Format:****State:** Lyophilized (sterile filtered) purified Ig fraction**Purification:** Protein G Chromatography**Buffer System:** Lyophilized from PBS, pH 7.2 without additives**Reconstitution:** Restore in sterile water to a concentration of 0.1-1.0 mg/ml.**Applications:**Normal goat IgG should be used in **Immunoassays** at the same concentration as the specific Goat polyclonal antibody.

For most applications, the reconstituted IgG should be diluted between 1/100 to 1/1000 fold.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Molecular Weight:**

~ 150 kDa

**Add. Information:**

Centrifuge the vial prior to opening.

**Description:** Normal goat IgG is produced from serum of goats that have not been immunized.

This preparation can be used as a control reagent for Immunoassays using goat polyclonal antibodies.

**Storage:**

Store lyophilized at 2-8°C for 6 months or at -20°C long term.

After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

**Product Citations:****Purchased from Acris:**

1. Biscontin, A;Wallach, T;Sales, G;Grudziecki, A;Janke, L;Sartori, E;Bertolucci, C;Mazzotta, G;De Pittà, C;Meyer, B;Kramer, A;Costa, R. Functional characterization of the circadian clock in the Antarctic krill, *Euphausia superba*. *Sci Rep* 2017. 17742, 7, 1. PubMed PMID: 29255161.

**General Readings:**

1. Kubota K. A novel functional T cell hybridoma recognizes macrophage cell death induced by bacteria: a possible role for innate lymphocytes in bacterial infection. *J Immunol*. 2006 Jun 15;176(12):7576-88. PubMed PMID: 16751404.