

Polyclonal Antibody to Swine IgG F(c) -HRP-

- Alternate names:** Pig IgG Fc, Pig Immunoglobulin G
- Catalog No.:** R1385HRP
- Quantity:** 2 mg
- Host:** Rabbit
- Immunogen:** Swine IgG F(c) fragment.
- Format:** **State:** Lyophilized purified Ig fraction.
Purification: Immunoaffinity chromatography.
Buffer System: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% (w/v) Gentamicin sulfate as preservative and 10 mg/ml Bovine Serum Albumin (BSA; IgG and Protease free) as stabilizer.
Label: HRP – Horseradish Peroxidase
Reconstitution: Restore with 1.0 ml of deionized water (or equivalent).
- Applications:** Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoperoxidase electron microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Recommended Dilutions: This product has been assayed against 1.0 µg of Swine IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:6,500 to 1:27,000 of the reconstitution concentration is suggested for this product. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
- Specificity:** This product was prepared from monospecific antiserum by immunoaffinity chromatography using Swine IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Swine IgG, Swine IgG F(c) and Swine Serum. No reaction was observed against Swine IgG F(ab')₂.
- Storage:** Store vial at 4°C prior to restoration. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 4°C as an undiluted liquid. Dilute only prior to immediate use. Avoid cycles of freezing and thawing. Shelf life: One year from despatch.
- General References:** 1. Farr & Nakane, J. Immunol. Methods 47; 129-144. 1981.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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