

Sheep Anti-Human IgG (H&L) secondary antibody (Peroxidase)

Catalog # PAB10728

Size 2 mg

Specification

Product Description Sheep anti-human IgG recognizes human IgG whole molecule. This secondary antibody was purified using antigen affinity chromatography. The antibody is conjugated with Peroxidase.

Immunogen Human IgG whole molecule

Host Sheep

Reactivity Human

Specificity Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-sheep serum, human IgG and human serum.

Form Lyophilized

Conjugation HRP

Purification This product was prepared from monospecific antiserum by immunoaffinity chromatography using human IgG coupled to agarose.

Recommend Usage ELISA (1:150,000-1:250,000)
Immunohistochemistry (1:500-1:2,500)
Western Blot (1:1,000-1:10,000)
The optimal working dilution should be determined by the end user.

Storage Buffer Lyophilized from 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2 (10 mg/mL BSA (immunoglobulin and protease free), 0.01% (w/v) Gentamicin Sulfate).

Storage Instruction Store at 4°C prior to restoration.
After reconstitution with 1.0 mL deionized water (or equivalent), store at -20°C or below.
Aliquot to avoid repeated freezing and thawing.
Centrifuge product if not completely clear after standing at room temperature. This product is stable for or several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use.

Note Do NOT add sodium azide! This product has been assayed against 1.0 µg of human IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:6,000 to 1:36,000 of the reconstitution concentration is suggested for this product.

Applications

- Western Blot
- Immunohistochemistry
- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [Immunohistochemistry with enzyme labeled antibodies: a brief review.](#)

Farr AG, Nakane PK.

J Immunol Methods 1981 Jan; 47(2):129.