10320 Camino Santa Fe, Suite G
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Goat IgG Alkaline Phosphatase

Catalog # ASR1461

Specification

Goat IgG Alkaline Phosphatase - Product Information

Description	**GOAT IgG whole molecule Alkaline Phosphatase conjugated**
Conjugate	**Alkaline Phosphatase (Calf Intestine)**
Application	**WB, E, IC**
Application Note	**ELISA 1:2,000-1:10,000;Western Blot 1:500-1:2,500;Immunochemistry 1:200-1:1,000**
Physical State	**Liquid (sterile filtered)**
Host Isotype	**IgG**
Buffer	**0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0**
Species of Origin	**Goat**
Stabilizer	**10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free**
Preservative	**0.1% (w/v) Sodium Azide**

Goat IgG Alkaline Phosphatase - Additional Information

Shipping Condition
Wet Ice

Purity
This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by conjugation and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat IgG, anti-Goat Serum and anti-Alkaline Phosphatase (calf intestine).

Storage Condition
Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

Goat IgG Alkaline Phosphatase - Protein Information

Goat IgG Alkaline Phosphatase - Protocols

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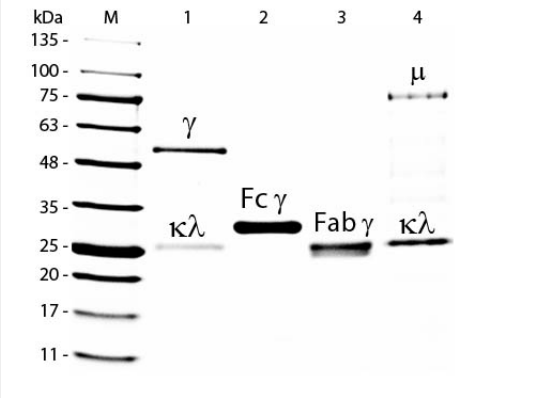
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat IgG Alkaline Phosphatase - Images



SDS-PAGE of Goat IgG Whole Molecule Alkaline Phosphatase Conjugated . Lane M: 5 µL Opal Prestained Marker . Lane 1: Reduced Goat IgG Whole Molecule Alkaline Phosphatase Conjugated . Lane 2: Reduced Goat IgG F(c) Fragment . Lane 3: Reduced Goat IgG F(ab) Fragment . Lane 4: Reduced Goat IgM Whole Molecule . Load: 1 µg for IgG, F(c) and F(ab); 3 µg for IgM. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.