

**Rat IgG Alkaline Phosphatase**  
**Catalog # ASR2276****Specification**

---

**Rat IgG Alkaline Phosphatase - Product Information**

Description	<b>RAT IgG whole molecule Alkaline Phosphatase conjugated</b>
Conjugate	<b>Alkaline Phosphatase (Calf Intestine)</b>
Physical State	<b>Liquid (sterile filtered)</b>
Host Isotype	<b>IgG</b>
Buffer	<b>0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0</b>
Species of Origin	<b>Rat</b>

**Rat 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-Rat IgG, anti-Rat 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.

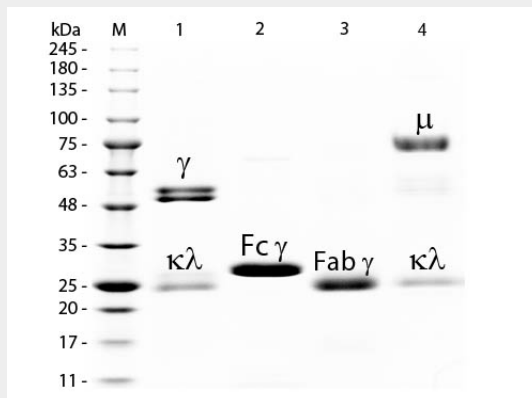
**Rat IgG Alkaline Phosphatase - Protein Information****Rat IgG Alkaline Phosphatase - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Rat IgG Alkaline Phosphatase - Images



SDS-PAGE of Rat IgG Whole Molecule Alkaline Phosphatase Conjugated . Lane M: 3  $\mu$ L Opal Prestained Marker . Lane 1: Reduced Rat IgG Whole Molecule Alkaline Phosphatase Conjugated . Lane 2: Reduced Rat IgG F(c) Fragment . Lane 3: Reduced Rat IgG F(ab) Fragment . Lane 4: Reduced Rat IgM Whole Molecule . Load: 1  $\mu$ g of IgG, F(c), F(ab); 1.5  $\mu$ g of IgM. Predicted/Observed size: IgG at 55 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 78 and 25 kDa. Observed F(c) Fragment migrates slightly higher.