

**Chicken IgG Alkaline Phosphatase**  
**Catalog # ASR2260****Specification**

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**Chicken IgG Alkaline Phosphatase - Product Information**

Description	<b>CHICKEN IgG whole molecule Alkaline Phosphatase conjugated</b>
Conjugate	<b>Alkaline Phosphatase (Calf Intestine)</b>
Application	<b>WB, IHC, E</b>
Application Note	<b>ELISA 1:2,000-1:10,000;Western Blot 1:500-1:2,500;Immunohistochemistry 1:200-1:1,000</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>Chicken</b>

**Chicken 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-Chicken IgG, anti-Chicken 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.

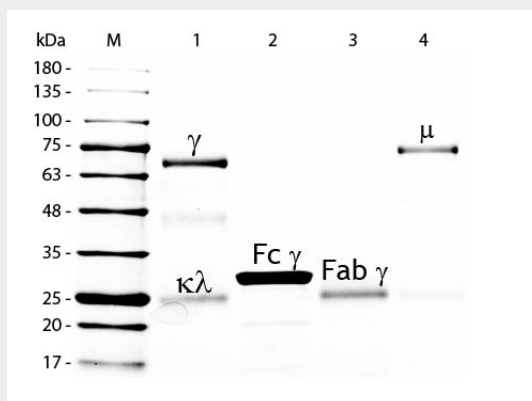
**Chicken IgG Alkaline Phosphatase - Protein Information****Chicken IgG Alkaline Phosphatase - Protocols**

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](#)

## Chicken IgG Alkaline Phosphatase - Images



SDS-PAGE of Chicken IgG Whole Molecule Alkaline Phosphatase Conjugated . Lane M: 5  $\mu$ L Opal Prestained Marker . Lane 1: Reduced Chicken IgG Whole Molecule Alkaline Phosphatase Conjugated . Lane 2: Reduced Chicken IgG F(c) Fragment . Lane 3: Reduced Chicken IgG F(ab) Fragment . Lane 4: Reduced Chicken IgM Whole Molecule . Load: 1  $\mu$ g per lane. Predicted/Observed size: IgG at 72 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 75 kDa. Observed F(c) Fragment migrates slightly higher. Other bands: Chicken IgG heavy chain alternative splicing variant at approximately 40 kDa in Lane 1.

## Chicken IgG Alkaline Phosphatase - Background

Anti-Chicken IgG Antibody detects specifically Chicken IgG whole molecule. Anti-Chicken IgG is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. Anti-Chicken IgG Antibody is ideal for investigators in Cancer, Immunology, and Microbiology research.