

## Datasheet for 613-4129

## Sheep IgG Fc Antibody Pre-Adsorbed

### Overview

<b>Description:</b>	Rabbit Anti-Sheep IgG Fc Antibody (Min X Human Serum Proteins) - 613-4129
<b>Item No.:</b>	613-4129
<b>Size:</b>	500 µg
<b>Applications:</b>	ELISA
<b>Reactivity:</b>	Sheep
<b>Host Species:</b>	Rabbit

### Product Details

<b>Background:</b>	Anti-Sheep IgG F(c) generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of sheep IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.
<b>Synonyms:</b>	Rabbit Anti-Sheep IgG F(c) Antibody, Rabbit Anti-Sheep IgG Fc Antibody, Rabbit Anti-Sheep IgG Fc Fragment Antibody
<b>Host Species:</b>	Rabbit
<b>Specificity:</b>	IgG Fc
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG

### Target Details

<b>Reactivity:</b>	Sheep
<b>Immunogen:</b>	Sheep IgG F(c) fragment

**Purity/Specificity:** This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Sheep IgG, Sheep IgG F(c) and Sheep Serum. No reaction was observed against Sheep IgG F(ab). This antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human serum proteins, but antibodies may cross-react with immunoglobulins from other species.

**Relevant Links:**

- [613-4129 SDS](#)

## Application Details

**Tested Applications:** ELISA

**Application Note:** Anti-Sheep IgG F(c) antibody has been tested by ELISA and is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.

**Assay Dilutions:** All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

**ELISA:** 1:20,000 - 1:100,000

**IHC:** 1:1,000 - 1:5,000

**WB:** 1:2,000 - 1:10,000

## Formulation

**Physical State:** Liquid (sterile filtered)

**Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

**Preservative:** 0.01% (w/v) Sodium Azide

**Stabilizer:** None

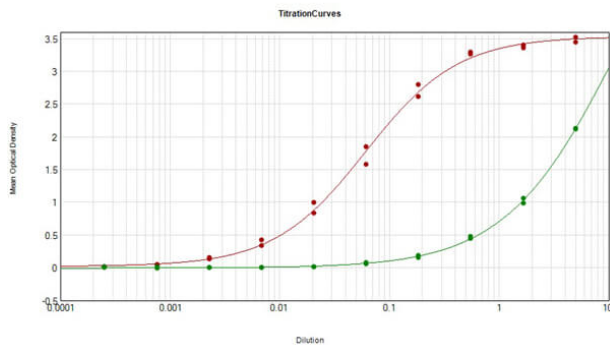
## Shipping & Handling

**Shipping Condition:** Wet Ice

**Storage Condition:** Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

**Expiration:** Expiration date is one (1) year from date of receipt.

## Images



### ELISA

ELISA Results of Rabbit Anti-Sheep IgG F(c) Antibody (Min X Human Serum Proteins) tested against purified Sheep IgG F(c) Min Hu. Each well was coated in duplicate with 1.0 µg of Sheep IgG F(c) (p/n 013-0103) [Red Line] and Human IgG (p/n 009-0102) [Green Line]. The working dilution of Sheep IgG F(c) is 1:16,300. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using HRP Conjugate Stabilizer (p/n MB-076), Goat Anti-Rabbit IgG HRP conjugated (p/n 611-103-122) and TMB substrate (p/n TMBE-1000).

## Disclaimer

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