

Product Datasheet Sheep IgG Fc Antibody (orb347913)

Catalog Number orb347913

Category Antibodies

Description Sheep IgG F(c) antibody

Clonality Polyclonal

Species/Host Rabbit

Isotype IgG

Conjugation Unconjugated

Reactivity Sheep

Form/Appearance Liquid (sterile filtered)

Concentration 2.0 mg/mL

Buffer/Preservatives 0.01% (w/v) Sodium Azide

Purity Anti-Sheep IgG F(c) 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).

Immunogen Anti-Sheep IgG was produced by repeated immunization with sheep IgG F(c)

fragment in rabbit.

Tested applications DOT, ELISA, IHC, WB

Dilution range ELISA: 1:10,000 - 1:200,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:5,000





Application notes

Anti-Sheep IgG F(c) antibody has been tested by ELISA and dot blot and is assayed against 1.0 ug of Sheep IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:8,000 of the reconstitution concentration is suggested for this product.

Antibody Type

Secondary Antibody

Storage

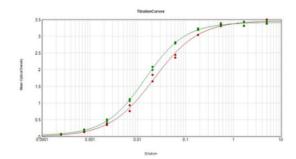
Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

Note

For research use only

Expiration Date

12 months from date of receipt.



ELISA Results of Rabbit Anti-Sheep IgG F(c) Antibody tested against purified Sheep IgG F(c). Each well was coated in duplicate with 1.0 μ g of Sheep IgG F(c) (p/n orb346368) [Red Line] and Sheep IgG [Green Line]. The working dilution of Sheep IgG F(c) is 1:45000. The starting dilution of antibody was 5 μ g/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 Conjugation Stabilizer, Goat Anti-Rabbit IgG HRP conjugated (p/n orb347654) and TMB substrate (p/n orb348651).