

## **Product Datasheet**

# Bovine IgG F(ab')2 Antibody Alkaline Phosphatase Conjugated (orb346832)

Catalog Number orb346832

**Category** Antibodies

**Description** Bovine IgG F(ab')2 antibody (Alkaline Phosphatase)

**Clonality** Polyclonal

Species/Host Rabbit

**Isotype** lgG

**Conjugation** AP

**Reactivity** Bovine

Form/Appearance Liquid (sterile filtered)

**Concentration** 0.6 mg/mL

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

**Purity** This product was prepared from monospecific antiserum by immunoaffinity

chromatography using Bovine IgG coupled to agarose beads followed by solid

phase adsorption(s) to remove any unwanted reactivities. Assay by

immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase (calf intestine), anti-Rabbit Serum, Bovine IgG, Bovine IgG F(ab')2

and Bovine Serum. No reaction was observed against Bovine IgG F(c).

**Immunogen** Bovine IgG F(ab')2 fragment

**Tested applications** DOT, ELISA, IHC, WB

**Dilution range** ELISA: 1:10,000 - 1:20,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,500





#### **Application notes**

Anti-Bovine IgG F(ab')2 Alkaline Phosphatase Conjugate has been tested by ELISA and dot blot. This product has been assayed against  $1.0~\rm ug$  of Bovine IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of  $1:1,600~\rm to$   $1:11,000~\rm of$  the reconstitution concentration is suggested for this product.

### **Antibody Type**

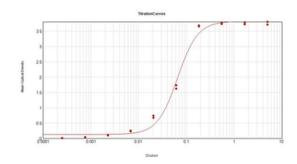
Secondary Antibody

#### **Storage**

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.

#### Note

For research use only



ELISA Results of Purified Rabbit Anti-Bovine IgG F(ab')2 Antibody Alkaline Phosphatase Conjugated tested against purified Bovine IgG F(ab')2 Alk Phos. Each well was coated in duplicate with 1.0  $\mu$ g of Bovine IgG F(ab')2 (p/n orb2652778). The working dilution is 1:15200. The starting dilution of antibody was 5  $\mu$ 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 Alkaline Phosphatase ELISA Substrate and NPP Working Buffer.