

Product Datasheet

Horse IgG F(ab') 2 Antibody Alkaline Phosphatase Conjugated (orb347166)

Catalog Number orb347166

Antibodies Category

Description Horse IgG F(ab')2 antibody (Alkaline Phosphatase)

Clonality Polyclonal

Species/Host Rabbit

Isotype IgG

Conjugation AP

Reactivity Equine

Liquid (sterile filtered) Form/Appearance

Concentration 1.0 mg/mL

0.1% (w/v) Sodium Azide **Buffer/Preservatives**

Purity This product was prepared from monospecific antiserum by immunoaffinity

chromatography using Horse 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, Horse IgG, Horse IgG F(ab')2 and

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

Immunogen Horse IgG F(ab')2 fragment

Tested applications ELISA, IHC, WB

ELISA: 1:2,000 - 1:8,000, IHC: 1:200 - 1:1,000, WB: 1:500 - 1:2,000 **Dilution range**

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Application notes

Anti-Horse IgG F(ab')2 Alkaline Phosphatase conjugate has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.

Antibody Type

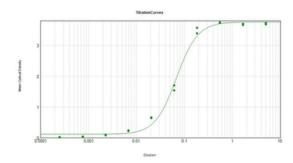
Secondary Antibody

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 Rabbit Anti-Horse IgG F(ab')2 Antibody Alkaline Phosphatase Conjugated tested against purified Horse IgG F(ab')2 Alk Phos. Each well was coated in duplicate with 1.0 μ g of Horse IgG F(ab')2 (p/n orb2652757). The working dilution is 14700. 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 Alkaline Phosphatase ELISA Substrate Buffer and NPP Working Buffer.

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