

## Anti-HORSE IgG F(ab')<sub>2</sub> (RABBIT) Antibody Alkaline Phosphatase Conjugated - 608-4504

**Code:** 608-4504

**Size:** 1 mg

**Product Description:** Anti-HORSE IgG F(ab')<sub>2</sub> (RABBIT) Antibody Alkaline Phosphatase Conjugated - 608-4504

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

**PhysicalState:** Liquid (sterile filtered)

<b>Label</b>	Alkaline Phosphatase (Calf Intestine)
<b>Host</b>	Rabbit
<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>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.1% (w/v) Sodium Azide
<b>Storage Condition</b>	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.
<b>Synonyms</b>	Rabbit Anti-Horse IgG Fab2 Fragment alkaline phosphatase Conjugated Antibody, Rabbit Anti-Horse IgG F(ab') <sub>2</sub> Antibody alkaline phosphatase conjugate, Rabbit Anti-Horse IgG Fab2 Antibody alk phos Conjugation
<b>Application Note</b>	Anti-Horse IgG F(ab') <sub>2</sub> Alk Phos conjugate 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.
<b>Background</b>	Anti-Horse IgG F(ab') <sub>2</sub> Alkaline Phosphatase Antibody generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab') <sub>2</sub> molecules lack the Fc portion of IgG and therefore receptors that bind horse IgG F(c) will not bind horse IgG F(ab') <sub>2</sub> molecules. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.
<b>Purity And Specificity</b>	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') <sub>2</sub> and Horse Serum. No reaction was observed against Horse IgG F(c).
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:2,000 - 1:8,000
<b>Western Blot</b>	1:500 - 1:2,000
<b>Immunohistochemistry</b>	1:200 - 1:1,000
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Horse IgG F(ab') <sub>2</sub> fragment

### Related Products

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

### Disclaimer

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