

## Anti-RABBIT IgG F(ab')2 (GOAT) Antibody Alkaline Phosphatase Conjugated - 611-1504

Code: 611-1504 Size: 1 mg

Product Description: Anti-RABBIT IgG F(ab')2 (GOAT) Antibody Alkaline Phosphatase Conjugated - 611-1504

Concentration: 0.75 mg/mL by UV absorbance at 280 nm

PhysicalState: Liquid (sterile filtered)

Alkaline Phosphatase (Calf Intestine) Label

Host

Buffer 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v)

Glycerol; pH 8.0

Stabilizer 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Preservative 0.01% (w/v) Sodium Azide

Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. **Storage Condition** Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.

**Synonyms** ALP, Alk Phos

**Application Note** 

This product has been assayed against 1.0 ug of Rabbit 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 1:1,000 to 1:3,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0 ug of Rabbit 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 1:1,000 to 1:3,000 of the reconstitution concentration is suggested for this product. This product has been assayed against 1.0 ug of Rabbit 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 1:1,000 to 1:3,000 of the reconstitution concentration is suggested for this product.

suggested for this product.

**Purity And Specificity** This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit 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-Goat Serum, Rabbit IgG, Rabbit IgG F(ab')2 and Rabbit Serum. No reaction was observed against Rabbit

IgG F(c).

User Optimized **Assay Dilutions** 

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

**Immunohistochemistry** 1:200 - 1:1,000

**WESTERN BLOT** 1:500 - 1:2,500

IHC 1:200 - 1:1,000

**OTHER ASSAYS** User Optimized

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

**Immunogen** Rabbit IgG F(ab')2 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

NORMAL GOAT SERUM (NGS) - B304 B304

**BSA-50** BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and

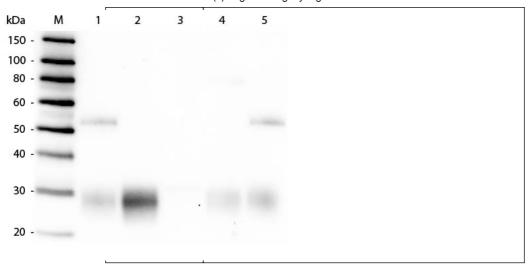
Protease Free) - BSA-50

**Related Links** 

**Images** 

Western Blot of Anti-Rabbit IgG F(ab')2 (GOAT) Antibody (p/n 611-1104). Lane M: 3 µl Molecular Ladder. Lane 1: Rabbit IgG whole molecule (p/n 011-0102). Lane 2: Rabbit IgG F(ab) Fragment (p/n 011-0105). Lane 3: Rabbit IgG F(c) Fragment (p/n 010-0103). Lane 4: Rabbit IgM Whole Molecule (p/n 011-0107). Lane 5: Normal Rabbit Serum (p/n B309). All samples were reduced. Load: 50 ng per lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG F(ab')2 (GOAT) Antibody (p/n 611-1104) 1:10,000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody (p/n CUST10) 1:40,000 in MB-070 for 30 min at RT. Predicted/Obsevered Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher. Western Blot of Anti-Rabbit IgG F(ab')2 (GOAT) Antibody (p/n

F(c) migrates slightly higher.



## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.