

F(ab')₂ Fragment of Rabbit anti-Rat IgG [H&L] Fragment -AP-

Catalog No.:	R1413AP
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (by UV absorbance at 280 nm)
Host:	Rabbit
Immunogen:	Rat IgG whole molecule.
Format:	State: Liquid (sterile filtered) F(ab') ₂ fragments. Purification: Immunoaffinity chromatography. Buffer System: 0.01 M Tris Chloride, 0.25M Sodium Chloride, pH 8.0 with 15 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer and 0.05% (w/v) Sodium Azide as preservative. Label: AP – Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons)
Applications:	Suitable for Immunoblotting (Western or Dot blot), ELISA and Immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. Recommended Dilution(s): This product has been assayed against 1.0 ug of Rat IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:4,000 of the reconstitution concentration is suggested for this product. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This product was prepared from monospecific antiserum by Immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Alkaline Phosphatase, anti-Rabbit Serum, Rat IgG and Rat Serum. No reaction was observed against anti-Pepsin, anti-Rabbit IgG F(c), or Bovine, Horse, Human, Mouse, Rabbit and Sheep Serum Proteins.
Storage:	Store the antibody at 2-8°C before opening. DO NOT FREEZE! This product is stable at 2-8°C as an undiluted liquid. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity. Dilute only prior to immediate use. Shelf life: One year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

General References: 1. Modified from Avrameas and Ternyrock, Immunochemistry 32; 1175 1971.

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