

Rabbit Anti-Sheep IgG F(ab)2 and Purified (Fab)2

Cat # 30327	Rabbit Anti-Sheep IgG F(ab') ₂ fragment, aff pure, unlabeled	Size: 1 mg
	Form: Liquid Powder	
Cat # 30328	Rabbit Anti-Sheep IgG F(ab') ₂ -HRP Conjugate	Size: 0.5 ml
	Form: Liquid Powder	
Cat # 30329	Sheep IgG F(ab') ₂ fragment, unlabeled	Size: 1 mg
	Form: Liquid Powder	
	Storage: Store at 4 ⁰ C	

Description

Rabbits were immunized with antigen grade sheep IgG F(ab)₂ fragment (cat # 30329). Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography using sheep IgG-Sepharose. Antibodies are supplied as unlabeled (cat # 30327) or coupled to HRP (Cat # 30328).

Form and Storage

Sheep IgG F(ab')₂ fragment (cat # 30329) is supplied in PBS pH 7.4 and 0.05% azide at 1 mg/100 ul in liquid or in powder form. Reconstitute powder in PBS at a desired concentration (1-10 mg/ml). The product should be stored at 4⁰C for 1-2 weeks and –20oC for long term storage. Do not store diluted solutions.

Affinity pure antibody (cat # 30327) is supplied in PBS pH 7.4 and 0.05% azide at 1 mg/100 ul in liquid or in powder form. Reconstitute powder in PBS at a desired concentration (1-10 mg/ml). The product should be stored at 4⁰C for 1-2 weeks and –20oC for long term storage. Do not store diluted solutions.

HRP-conjugated antibody (cat # 30328) is supplied in PBS pH 7.4 and 0.01% Gentamycin sulfate and 1% BSA at 1mg/ml in liquid or powder form. Reconstitute powder in 0.5 ml PBS. The product should be stored at 4⁰C for 1-2 weeks and –20oC for long term storage. Do not store diluted solutions.

Purity/Specificity

The conjugate contains affinity pure antibody at approximately 0.5 mg/ml. The molar enzyme to protein (E/P) ratio = 4.0.

Specificity has been tested using IEP, immunodiffusion, and ELISA. The product reacts with sheep IgG, F(ab')₂, sheep serum and produced single precipitin arc in immunoelectrophoresis (IEP). The antibody may recognize other species IgG's, particularly goat IgG, that have common IgG light chains. However, no antibody is detected to other serum proteins from sheep or other species.

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions.

Working solution should be prepared immediately before use and diluted solution should be discarded.

MSDS

This product is considered non-hazardous as defined by OSHA (CFR 1910.1200. Nov 25, 1983). It can be disposed of in the drain.

ELISA kits for sheep IgG, IgM, and antibody detection kits

30327-29 70721A

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