

Product Data Sheet

Anti-Rabbit IgA Antibodies and Conjugates

Cat # 20019	Goat Anti-Rabbit IgA	Size: 0.5 mg	Form: Liquid	Powder
Cat # 20029	Goat Anti-Rabbit IgA-HRP Conjugate	Size: 0.5 mg	Form: Liquid	Powder

Description

Goats were immunized with antigen grade rabbit IgA. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography and solid phase adsorbed to remove reactivity with IgM, IgG and other serum proteins. Purified anti-rabbit IgA is supplied as unlabeled or HRP, biotin, and FITC conjugates.

Form and Storage

Cat# 20019, unlabeled

The antibody is provided as liquid in PBS, pH 7.4 and 0.05% azide at 1 mg/ml or in powder. Reconstitute powder in PBS at 1 mg/ml. The product should be stored at 4°C and is stable for a minimum of 1 year. Do not store diluted solutions. Sodium azide, an inhibitor of peroxidase, must not be added in any buffers exposed to peroxidase.

Cat# 20029, HRP-conjugate

Purified antibody was coupled to HRP (RZ>3.0) using periodate method. The molar enzyme to protein (E/P) ratio = 4.0. The antibody is supplied in stabilizing buffer, 0.1% proclin-300 as preservative in either **lyophilized** (0.5 ml) or **liquid** form (0.5-0.5 mg/ml). Reconstitute powder in PBS in 1 ml. Store at 4°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:1,000-1:10,000 ELISA, 1:1K-1:5K for western, and 1:200-1:1000 (IHC).

Purity/Specificity

Specificity of antibodies has been tested using IEP, immunodiffusion, and ELISA. The antibodies yielded a single precipitin arc against anti-rabbit serum and rabbit IgA. No antibody reactivity is detected to other rabbit serum proteins, IgM and IgG. Anti-rabbit IgA may crossreact with IgA from other species.

Recommended Working Dilution for ELISA

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. However, dilution of 1:1000 to 1:5,000 could be used as the starting point. Working solution should be prepared immediately before use and diluted solution should be discarded.

Western: 1:1000-:2000
Immunohistochemistry: 1:500-1:2000

USDA Certification:

All products of animal origin manufactured by ADI Inc 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.

Related Material available for ADI

700-110-BSR, Rabbit Anti-BSA IgG ELISA Kit
700-110-KLR, Rabbit Anti-KLH IgG ELISA Kit
1030, Rabbit C-Reactive Protein (CRP) ELISA Kit
6520, Rabbit IgG (total) ELISA Kit
80160, Rabbit Serum Antibody detection ELISA

Anti-Mouse, human, rat, and Monkey IgG-HRP and subisotype specific conjugates

Western blot recycling kit (Use the same blot/strip to probe with multiple antibodies,

Chemiluminescence Substrates and Western blot kits

20019, 20029

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