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Product Data Sheet

Goat Anti-Rabbit IgG (H+L) Antiserum

Catalog No. SA-20318-100 **Size:** 100 ml **Form:** Liquid
Catalog No. SA-20318-1000 **Size:** 1000 ml **Form:** Liquid

Description

Goats were immunized with antigen grade rabbit IgG (H+L chains). Antibody titer is adjusted by fractionating some antisera. The antiserum is dialyzed against Tris buffered saline, pH 7.4 containing 0.05% sodium azide.

Form & Storage of Antibodies/Peptide Control

Antiserum (unpurified, undiluted)

solution lyophilized powder
contains 0.05% sodium azide
Reconstitute powder in the original vol. of water

Storage

Short-term: unopened, undiluted vials for less than a week at 4oC.

Long-term: at –20C or below in suitable aliquots after reconstitution. Do not freeze and thaw and store working, diluted solutions.

Stability: 6-12 months at –20oC or below.

Shipping: 4oC for solutions and room temp for powder.

Purity/Specificity

Antibody titer was determined by radial immunodiffusion using goat anti-rabbit IgG. Total protein was determined by A280 nm using an extinction coefficient of 10 (i.e., 1.0 A280 unit =1 mg/ml).

Antibody titer =0.8-1.0 mg/ml
Total protein ~1 g/dl
Buffer: 10 mM Tris, pH 7.4, 0.05% azide

AntibodySpecificity has been tested using IEP:

3 ul Normal rabbit serum (1)
100 ul anti-rabbit IgG Cat # SA-20318 (A)
75 ul goat anti-rabbit serum (B)

The product reacts produced a single precipitin arc against the whole rabbit serum.

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 1:5000 could be used as the starting point. 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.

StainAll reversible dye for Immunoblotting (visualize transfer of proteins on blotting membranes within seconds)

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

SA-20318-100-1000

Rev. 80609F