



F(ab')₂ Anti-SHEEP IgG [H&L] (DONKEY) Antibody Phycoerythrin conjugated Min X Ch GP Ham Hs Hu Ms Rb & Rt Serum Proteins - 713-708-168

Code: 713-708-168

Size: 500 µg

Product Description: F(ab')₂ Anti-SHEEP IgG [H&L] (DONKEY) Antibody Phycoerythrin conjugated Min X Ch GP Ham Hs Hu Ms Rb & Rt Serum Proteins - 713-708-168

Concentration: 0.5 mg/mL by absorbance = 82.0 at 565 nm

PhysicalState: Lyophilized

Label	R-Phycoerythrin (RPE)
Host	Donkey
Emission Wavelength	575
Excitation Wavelength	488
Species Reactivity	Sheep
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume	1.0 mL
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to restoration. Restore with deionized water (or equivalent). This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis.
Synonyms	Donkey F(ab') ₂ Anti-Sheep IgG Antibody Phycoerythrin Conjugation, Donkey F(ab') ₂ Anti-Sheep IgG PE Conjugated Antibody
Application Note	Antibody Anti-Sheep F(ab') ₂ IgG (H&L) phycoerythrin conjugated is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10 ⁶ cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Optimal titers for other applications should be determined by the researcher.
Background	Anti-Sheep F(ab') ₂ IgG (H&L) phycoerythrin conjugated antibody generated in donkey detects specifically sheep IgG. This secondary phycoerythrin conjugated antibody anti-Sheep is ideal for investigators who routinely perform titration assays, microscopy and FACS analysis.
Purity And Specificity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep 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-Phycoerythrin, anti-Donkey Serum, Sheep IgG and Sheep Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG Fc, or Chicken, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit or Rat Serum Proteins.
Assay Dilutions	FLOW 1:100 - 1:250
IF Microscopy	1:100 - 1:250
Flow Cytometry	1:100 - 1:250
Other Assays	FLOW 1:100 - 1:250
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	Anti-Sheep IgG was produced by repeated immunization with sheep IgG whole molecule in donkey.

Related Products

200-301-268	Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268
B304	NORMAL GOAT SERUM (NGS) - B304

B501-0500 BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500

MB-070 Blocking Buffer for Fluorescent Western Blotting - MB-070

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.