

RABBIT IgG whole molecule Agarose Conjugated - 011-0050
Code: 011-0050

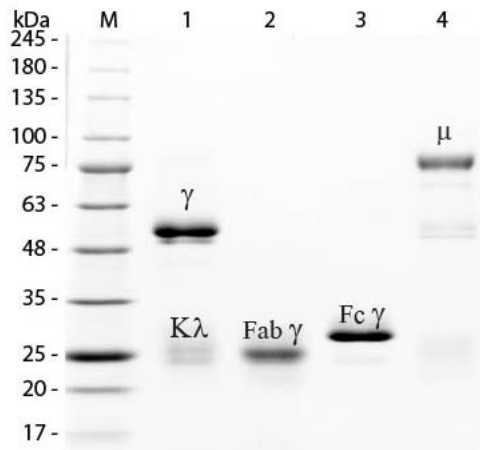
Size: 10 mg

Product Description: RABBIT IgG whole molecule Agarose Conjugated - 011-0050

Concentration: 10 mg/cc antibody per cc agarose 0.5 cc agarose per ml of suspension 10.0 mg antibody per cc agarose

PhysicalState: Suspension of agarose beads

Label	Unconjugated
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer	None
Preservative	0.01% (w/v) Sodium Azide
Storage Condition	Store vial at 4° C prior to opening. DO NOT FREEZE.
Synonyms	Rabbit IgG Whole Molecule Agarose Conjugate, Rabbit IgG Agarose
Application Note	Rabbit IgG Agarose is suitable for immunoprecipitation and Immunoaffinity purifications.
Background	Rabbit IgG whole molecule Agarose Conjugated product is made from IgG, secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.
Purity And Specificity	This product is normal Rabbit IgG coupled to activated agarose. A single precipitin arc was observed against anti-Rabbit Serum when assayed by immunoelectrophoresis prior to coupling to the beads.
Expiration	Expiration date is one (1) year from date of opening.
Related Products	
	200-301-268 Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268
	610-4302 Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
	611-1302 Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
	B304 NORMAL GOAT SERUM (NGS) - B304
Images	
1	SDS-PAGE of Rabbit IgG Whole Molecule Agarose Conjugated (p/n 011-0050). Lane M: 3 µL Opal Prestained Marker (p/n MB-210-0500). Lane 1: Reduced Rabbit IgG Whole Molecule Agarose Conjugated (p/n 011-0050). Lane 2: Reduced Rabbit IgG F(ab) Fragment (p/n 011-0105). Lane 3: Reduced Rabbit IgG F(c) Fragment (p/n 011-0103). Lane 4: Reduced Rabbit IgM Whole Molecule (p/n 011-0107). Load: 1 µg for F(ab) and F(c); 1.2 µg for IgG and IgM. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.



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.