

Datasheet for 205-4150**Anti-Goat IgG Antibody Agarose Conjugated****Overview**

Description:	Rabbit Anti-Goat IgG (H&L) Antibody Agarose Conjugated - 205-4150
Item No.:	205-4150
Size:	20 mg
Reactivity:	Goat
Host Species:	Rabbit

Product Details

Background:	Anti-Goat IgG [H&L] (Rabbit) Antibody Agarose Conjugated is generated in goat and detects specifically Goat IgG heavy and light chains. This anti-Goat antibody is suited for immobilization in a packed column for removal of Goat IgG from solution. Immunoglobulin G is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. IgG antibodies are large molecules of about 150 kDa composed of four peptide chains. It contains two identical class gamma heavy chains of about 50 kDa and two identical light chains of about 25 kDa, thus a tetrameric quaternary structure. Anti-Goat IgG [H&L] Antibody is ideal for investigators in Cancer, Immunology, and Microbiology research.
Synonyms:	Anti-Goat immunoglobulin Gamma, Agarose-conjugated IgG, Rb-a-Gt IgG, Rabbit anti-Goat IgG Agarose conjugated
Host Species:	Rabbit
Conjugate:	Agarose
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Goat
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Purity/Specificity:	Anti-Goat IgG [H&L] (Rabbit) Antibody Agarose Conjugated is an IgG fraction antibody coupled to activated agarose. Sufficient antibody capacity is provided to bind a minimum of 5 mg of pure Goat IgG.
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Application Details

Application Note:	Anti-Goat IgG [H&L] (Goat) Antibody Agarose Conjugated is applicable to purification of Goat IgG from sample solution.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

Formulation

Physical State:	Suspension of agarose beads
Concentration:	10 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store Anti-Goat IgG [H&L] (Goat) Antibody Agarose Conjugated vial at 4° C prior to opening. DO NOT FREEZE.
Expiration:	Expiration date is one (1) year from date of receipt.

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.

