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Datasheet for 211-1150

Rabbit IgG Secondary Antibody Agarose

Overview

Description:	Goat Anti-Rabbit IgG (H&L) Antibody Agarose Conjugated - 211-1150
Item No.:	211-1150
Size:	20 mg
Reactivity:	Rabbit
Host Species:	Goat

Product Details

Background:	Anti-Rabbit IgG Agarose Conjugate generated in goat detects rabbit Immunoglobulin G. It is a protein complex composed of four peptide chains — two identical heavy chains and two identical light chains arranged in a Y-shape typical of antibody monomers. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.
Synonyms:	Goat anti RABBIT IgG Secondary Antibody Agarose conjugate
Host Species:	Goat
Conjugate:	Agarose
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Rabbit
Purity/Specificity:	This product is an IgG fraction antibody coupled to activated agarose. Sufficient antibody capacity is provided to bind a minimum of 5 mg of pure Rabbit IgG.

Application Details

Application Note:	Anti Rabbit IgG Secondary Antibody Agarose can be used for immunoaffinity chromatography of polyclonal or monoclonal rabbit IgG antibodies. Once bound, non-specific antibodies are removed by copious washing followed by elution of specific antibody at low pH.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
IP:	User Optimized

Formulation

Physical State:	Suspension of agarose beads
Concentration:	0.5 cc agarose per ml of suspension antibody per cc agarose
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.1% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. DO NOT FREEZE.
Expiration:	Expiration date is one (1) year from date of receipt.

References

- Liu C et al. Improving tendon repair through spatiotemporal modulation of TGF-β1 expression using an ultrasound-responsive hydrogel carrying siRNA-loaded nanoparticles. *Acta Biomater.* (2025)

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.