

Datasheet for 613-4329**Sheep IgG Fc Antibody Peroxidase Conjugated Pre-Adsorbed****Overview**

Description:	Rabbit Anti-Sheep IgG Fc Antibody Peroxidase Conjugated (Min X Human Serum Proteins) - 613-4329
Item No.:	613-4329
Size:	500 µg
Reactivity:	Sheep
Host Species:	Rabbit

Product Details

Background:	Anti-Sheep IgG F(c) generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of sheep IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.
Synonyms:	Rabbit Anti-Sheep IgG F(c) peroxidase Conjugated Antibody, Rabbit Anti-Sheep IgG Fc peroxidase Conjugated Antibody, Rabbit Anti-Sheep IgG Fc Fragment Antibody HRP Conjugation
Host Species:	Rabbit
Specificity:	IgG Fc
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Sheep
Immunogen:	Sheep IgG F(c) fragment

Purity/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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Sheep IgG, Sheep IgG F(c) and Sheep Serum. No reaction was observed against Sheep IgG F(ab) or Human Serum Proteins.
----------------------------	--

Relevant Links:	• SDS
------------------------	---

Application Details

Application Note:	This product has been assayed against 1.0 µg of Sheep IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product.
--------------------------	--

Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
-------------------------	---

ELISA:	1:10,000 - 1:50,000
---------------	---------------------

IHC:	1:500 - 1:2,500
-------------	-----------------

WB:	1:1,000 - 1:10,000
------------	--------------------

Formulation

Physical State:	Lyophilized
------------------------	-------------

Concentration:	1.0 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) Gentamicin Sulfate. Do NOT add Sodium Azide!
----------------------	--

Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
--------------------	--

Reconstitution Volume:	500 µL
-------------------------------	--------

Reconstitution Buffer:	Restore with deionized water (or equivalent)
-------------------------------	--

Shipping & Handling

Shipping Condition:	Ambient
----------------------------	---------

Storage Condition:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
---------------------------	---

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.