



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet for 617-403-002

## Monkey IgG (H&L) Antibody Peroxidase

### Overview

<b>Description:</b>	Rabbit Anti-Monkey IgG (H&L) Antibody Peroxidase Conjugated - 617-403-002
<b>Item No.:</b>	617-403-002
<b>Size:</b>	1 mg
<b>Applications:</b>	ELISA, WB
<b>Reactivity:</b>	Monkey
<b>Host Species:</b>	Rabbit

### Product Details

<b>Background:</b>	Anti-Monkey IgG (H&L) HRP antibody generated in rabbit detects specifically monkey IgG heavy and light chains. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. IgG binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsonization 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. This peroxidase conjugated anti-Monkey IgG (H&L) secondary antibody is ideal for investigators who routinely perform western-blot, immunoprecipitation and more general immunoassays. 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.
<b>Synonyms:</b>	rabbit Anti-Monkey IgG peroxidase Conjugated Antibody, rabbit Anti-Monkey IgG Antibody peroxidase Conjugation, rabbit Anti-Monkey IgG HRP Conjugated Antibody
<b>Host Species:</b>	Rabbit
<b>Specificity:</b>	IgG (H&L)
<b>Conjugate:</b>	Peroxidase (HRP)
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG

### Target Details

<b>Reactivity:</b>	Monkey
<b>Immunogen Type:</b>	Native Protein
<b>Immunogen:</b>	Anti-Monkey IgG (H&L) was produced by repeated immunization with monkey IgG in rabbit.
<b>Purity/Specificity:</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Monkey IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, anti-Peroxidase, Monkey IgG and Monkey Serum.

## Application Details

<b>Tested Applications:</b>	ELISA, WB
<b>Application Note:</b>	Anti-Monkey IgG (H&L) HRP conjugated Antibody has been tested in ELISA and western blot and is suitable for use in Western Blotting, Immunohistochemistry, ELISA as well as other antibody detection methods. Specific conditions for reactivity and signal detection should be optimized by the end user.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>ELISA:</b>	1:50,000 - 1:100,000
<b>IHC:</b>	User Optimized
<b>IP:</b>	User Optimized
<b>WB:</b>	1:10,000 - 1:60,000

## Formulation

<b>Physical State:</b>	Lyophilized
<b>Concentration:</b>	1.0 mg/mL by UV absorbance at 280 nm
<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative:</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Stabilizer:</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Reconstitution Volume:</b>	1.0 mL
<b>Reconstitution Buffer:</b>	Restore with deionized water (or equivalent)

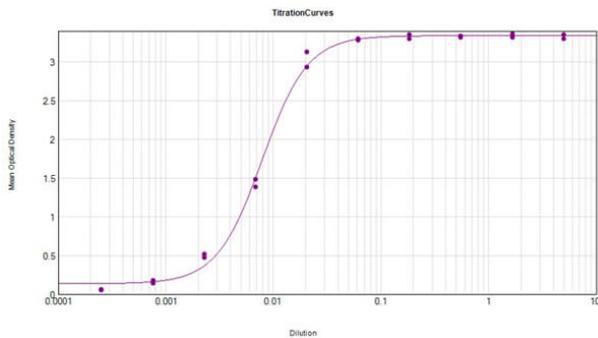
## Shipping & Handling

<b>Shipping Condition:</b>	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.

## Images



### ELISA

ELISA Results of Rabbit Anti-Monkey IgG Antibody Peroxidase Conjugated tested against purified Monkey IgG HRP. Each well was coated in duplicate with 1.0 µg of Monkey IgG (p/n 017-0102). The working dilution is 1:126,000. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using HRP Conjugate Stabilizer (p/n MB-076) and TMB substrate (p/n TMBE-1000).

## References

- Saunders KO et al. Lipid nanoparticle encapsulated nucleoside-modified mRNA vaccines elicit polyfunctional HIV-1 antibodies comparable to proteins in nonhuman primates. *Nature*. (2020)

## 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.