

Product Datasheet / Instruction for use

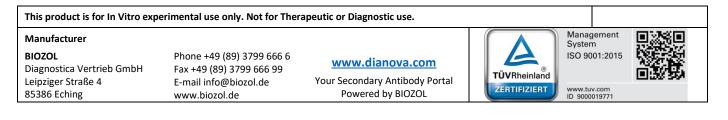


# Rabbit IgG anti-Mouse IgG (H+L)-HRPO, MinX none

# **General Information**

Catalog Number:	SEC-182595	Physical State:	Lyophilized
Quantity:	20 mg	Reconstitution Volume:	2.0 mL
		<b>Reconstitution Buffer:</b>	Restore with deionized water (or equivalent)
		Shipping Conditions:	at room temperature
		Product Expiration	Expiration date is one (1) year from date of opening.
Antibody Host /	Format		
Host Species:	Rabbit	Clonality / Isotype / Clon	e: polyclonal Ig
Antibody Format:	IgG whole molecule	Concentration:	10.0 mg/mL by UV absorbance at 280 nm
		Conjugation:	Horseradish Peroxidase (HRP)
		Maximum Excitation / Emission: /	
Specificity		l	
Target Species:	Mouse	Immunogen:	Mouse IgG whole molecule
Antibody Specificity: IgG (H+L)		This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophores resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Mouse IgG and Mouse Serum.	
		dialysis against the buffer resulted in a single precip	stated above. Assay by immunoelectrophores itin arc against anti-Peroxidase, anti-Rabbit
		dialysis against the buffer resulted in a single precip	stated above. Assay by immunoelectrophores itin arc against anti-Peroxidase, anti-Rabbit ouse Serum.
Formulation, Tra	nsport and Storage	dialysis against the buffer resulted in a single precip Serum, Mouse IgG and M	stated above. Assay by immunoelectrophores itin arc against anti-Peroxidase, anti-Rabbit ouse Serum.
Storage Buffer: 0	.01 M Sodium Phosphate,	dialysis against the buffer resulted in a single precip Serum, Mouse IgG and M Minimal Cross Reactivity Store vial at 4° C prior to contents and freeze at -2	stated above. Assay by immunoelectrophores itin arc against anti-Peroxidase, anti-Rabbit ouse Serum. : none restoration. For extended storage aliquot 0° C or below. Avoid cycles of freezing and
Storage Buffer: 0. 0.15 M Sodium Chl Stabilizer: 10	.01 M Sodium Phosphate,	dialysis against the buffer resulted in a single precip Serum, Mouse IgG and M Minimal Cross Reactivity Store vial at 4° C prior to contents and freeze at -2 thawing. Centrifuge proc room temperature. This	stated above. Assay by immunoelectrophores itin arc against anti-Peroxidase, anti-Rabbit ouse Serum. : none restoration. For extended storage aliquot 0° C or below. Avoid cycles of freezing and luct if not completely clear after standing at
Storage Buffer: 0. 0.15 M Sodium Chl Stabilizer: 10 Albumin (BSA) - Im free	.01 M Sodium Phosphate, oride, pH 7.2 0 mg/mL Bovine Serum	dialysis against the buffer resulted in a single precip Serum, Mouse IgG and M Minimal Cross Reactivity Store vial at 4° C prior to contents and freeze at -2 thawing. Centrifuge proc room temperature. This	stated above. Assay by immunoelectrophores itin arc against anti-Peroxidase, anti-Rabbit ouse Serum. : none restoration. For extended storage aliquot 0° C or below. Avoid cycles of freezing and luct if not completely clear after standing at product is stable for several weeks at 4° C as an

Application: ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections), Western Blot





#### Product Datasheet / Instruction for use

#### ELISA 1:10.000 - 1:50.000, Immunohistochemistry (IHC) 1:500 - 1:2,500, Western Blot (WB) 1:1.000 - 1:10.000 Dilution:

### **Application Note:**

This product is designed for ELISA and western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

# **Background Information**

Anti-Mouse IgG Antibody generated in rabbit detects reactivity to Mouse 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 compliment 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 the Heavy and Light chains of the antibody molecule are present. 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.

# Safety Information

The product contains no hazardous constituents. Standard Laboratory Practices should be followed when handling this material.DO NOT ADD SODIUM AZIDE! Use of Sodium Azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase!

## Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Manufacturer

BIOZOL **Diagnostica Vertrieb GmbH** Leipziger Straße 4 85386 Eching

Phone +49 (89) 3799 666 6 Fax +49 (89) 3799 666 99 E-mail info@biozol.de www.biozol.de

www.dianova.com Your Secondary Antibody Portal

Powered by BIOZOL



Management System ISO 9001:2015

SEC-182595 2023-02-23 2 / 2