

Datasheet for 114-4102

Swine IgG (H&L) Antibody**Overview**

Description:	Rabbit Anti-Swine IgG (H&L) Antibody - 114-4102
Item No.:	114-4102
Size:	2 mL
Applications:	WB
Reactivity:	Pig
Host Species:	Rabbit

Product Details

Background:	Anti-Swine IgG (H&L) generated in rabbit detects swine Immunoglobulin G. Both the Heavy and Light chains of the antibody molecule are present. Representing approximately 75% of serum immunoglobulins, 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:	rabbit anti-Swine IgG Antibody, rabbit anti Swine IgG
Host Species:	Rabbit
Specificity:	IgG (H&L)
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Reactivity:	Pig
Immunogen:	Swine IgG whole molecule
Purity/Specificity:	This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against Swine IgG and Swine Serum.

Application Details

Tested Applications:	WB
Application Note:	Anti-Swine IgG antibody has been tested in western blot and is suitable for use in ELISA and immunohistochemistry. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000 - 1:100,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

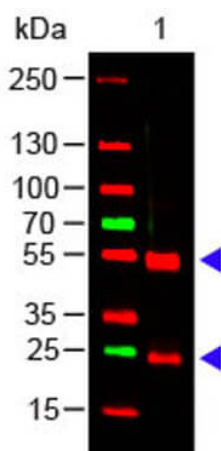
Formulation

Physical State:	Lyophilized
Concentration:	90 mg/mL by Refractometry
Buffer:	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
Reconstitution Volume:	2.0 mL
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.

Images



Western Blot

Western Blot of Rabbit anti-Swine IgG (H&L) Antibody. Lane 1: Swine IgG (p/n 014-0102). Load: 100 ng per lane. Primary antibody: Swine IgG (H&L) Antibody at 1:1000 for overnight at 4°C. Secondary antibody: DyLight™ 649 goat anti-rabbit (p/n 611-143-002) at 1:20,000 for 30 min at RT. Block: MB-070 for 30 min at RT. Predicted/Observed size: 55 and 28 kDa, 55 and 28 kDa.

Disclaimer

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