

Datasheet for K-500**Antibody and Blocking Solution Starter Pack****Overview**

Description:	Antibody and Blocking Solution Starter Pack - K-500
Item No.:	K-500
Size:	1 Kit

Product Details

Background:	Antibody Starter Pack contains key reagents necessary to perform ELISA, Immunohistochemistry, and Immunofluorescence. Included are antibodies suitable for ELISA, immunohistochemistry, immunoprecipitation, immunofluorescent microscopy, and western blotting. Antibody Starter Pack contains Conjugated Secondary Antibodies, ECL Substrate, Blocking Solution, and Monoclonal Anti-FLAG antibody.
Synonyms:	Antibody Kit, Blocking Solution Kit, Starter Kit, Primary and Secondary Antibody
Detection Kit Type:	Sampler Pack

Target Details

Purity/Specificity:	DyLight antibodies prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against Bv, Ch, Gt, GP, Ham, Hs, Hu, Ms, Rt, & Sh Serum Proteins. Monoclonal antibody for the detection of Flag is an IgG fraction purified from ascites by Protein A chromatography. The purified antibody is directed against the FLAG™ motif and detects over-expressed proteins containing the FLAG™ epitope tag. In WB of bacterial extracts, the antibody does not cross-react with endogenous proteins. Rabbit anti-Goat Secondary Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-HRP, anti-Rabbit Serum, Goat IgG and Goat Serum. Rabbit IgG Antibody HRP was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-HRP, anti-Goat Serum, Rabbit IgG and Rabbit Serum. No reaction to Hu Serum. UniGlow™ is designed as a ready-to-use chemiluminescent substrate in a One Component
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System that is a highly sensitive, nonradioactive, enhanced luminol-based chemiluminescent substrate for the detection of horseradish peroxidase (HRP).
 Blocking buffer is specifically formulated using ultra pure reagents to achieve superior reproducible western blotting images using this system.
 NGS was prepared by delipidation and selective precipitation. Assay by IEP resulted in a multiple arcs against anti-goat serum.

Application Details

Application Note:	Each Kit Contains: p/n 611-141-122 100 µg DyLight 488 Conjugated Goat Anti-RABBIT IgG (H&L) (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins) p/n 611-142-122 100 µg DyLight 549 Conjugated Goat Anti-RABBIT IgG (H&L) (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins) p/n 611-143-122 100 µg DyLight 649 Conjugated Goat Anti-RABBIT IgG (H&L) (Min X Bv Ch Gt GP Ham Hs Hu Ms Rt & Sh Serum Proteins) p/n MB-070-0050 50 mL Blocking Buffer (2X) for Fluorescent Western Blotting p/n 200-301-383S 25 µL MOUSE Monoclonal Antibody for the detection of FLAG conjugated proteins p/n 605-4302 2 mg Peroxidase (HRP) Conjugated RABBIT Anti-GOAT IgG (H&L) p/n 611-1322-0500 500 µg Peroxidase Conjugated Affinity Purified GOAT Anti-RABBIT IgG (H&L) (Min X Human Serum Proteins) p/n UniGlow-0020 - UniGlow™ One Component Chemiluminescent Substrate p/n B304 10 mL NORMAL GOAT SERUM (NGS) p/n Z802 1 each Rockland foam microtube "Floatie" p/n Z801 1 each AKT Pathway Poster
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Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized
IF:	User Optimized
IHC:	User Optimized
IP:	User Optimized
WB:	User Optimized

Formulation

Physical State:	Liquid and Lyophilized
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Kit contains multiple components. See kit insert for complete instructions.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Kit Box

This product is assembled as a kit. See attached protocol or CofA for further details.

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.