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Datasheet for 600-400-466

KLH Antibody Rhodamine Conjugated

Overview

Description:	Anti-KLH (RABBIT) Antibody Rhodamine Conjugated - 600-400-466
Item No.:	600-400-466
Size:	100 µL
Reactivity:	KLH
Host Species:	Rabbit

Product Details

Background:	Anti-KLH antibody allows for the detection of KLH, important for monitoring immune Response, infection and inflammation. Keyhole limpet hemocyanin (KLH) is a large metal-containing protein consisting of 400 kDa subunits that is frequently used carrier protein in immunization procedures. KLH is most typically conjugated to a small molecule, peptide, or protein thereby rendering the complex highly immunogenic. KLH has been used as a carrier for vaccines and antigens and as adjuvant treatment in regimens such as antimicrobial therapy. This Anti-KLH antibody has been conjugated to rhodamine.
Synonyms:	rabbit Anti-KLH antibody Rhodamine conjugation, TRITC conjugated rabbit Anti-KLH antibody, Keyhole Limpet Hemocyanin
Host Species:	Rabbit
Conjugate:	Rhodamine (TRITC)
Clonality:	Polyclonal
Format:	IgG
F/P Ratio:	2.8

Target Details

Reactivity:	KLH
Immunogen Type:	Native Protein
Immunogen:	KLH (Keyhole Limpet Hemocyanin)

Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using KLH 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-rabbit serum and KLH.

Application Details

Application Note:	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
FLISA:	User Optimized
IF:	1:500 - 1:2,500
WB:	User Optimized

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) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	100 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.

Images

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.