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Datasheet for 600-406-940

Lysine Methylated Antibody Biotin Conjugated

Overview

Description:	Anti-Lysine Methylated (MeK) (RABBIT) Antibody Biotin Conjugated - 600-406-940
Item No.:	600-406-940
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Broad
Host Species:	Rabbit

Product Details

Background:	Anti-Lysine Methylated (MeK) Antibody Biotin Conjugated is useful in Cancer, Cell Biology and Chromatin & Nuclear Signaling research.
Synonyms:	Dimethylysine antibody, Methyl lysine antibody, N epsilon dimethyl lysine antibody, N epsilon mono methyllysine antibody, N epsilon trimethyl lysine antibody, N(epsilon) trimethyl lysine antibody, Trimethyl lysine antibody
Host Species:	Rabbit
Conjugate:	Biotin
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Broad
PTM Specificity:	Methylation
Immunogen Type:	Other
Immunogen:	This affinity-purified antibody was prepared from whole rabbit serum produced by repeated immunizations with methylated lysine conjugated KLH.

Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using methylated lysine peptide coupled to agarose followed by conjugation to biotin and subsequent purification. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit IgG and anti-Biotin. Reactivity is specific for methylated lysine.
Relevant Links:	• 600-406-940 SDS

Application Details

Tested Applications:	ELISA, WB
Application Note:	This affinity-purified antibody is suitable for use in ELISA and western blotting assays. The antibody reacts specifically with methylated lysine residues. Although not tested, this antibody is likely functional in RIA, flow cytometry and immunohistochemistry.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000
WB:	1:1,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	None
Stabilizer:	50% (v/v) Glycerol

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at -20° C or below prior to opening. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Expiration:	Expiration date is one (1) year from date of receipt.

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.