

Datasheet for 600-401-940**Lysine Methylated Antibody****Overview**

Description:	Anti-Lysine Methylated (MeK) (RABBIT) Antibody - 600-401-940
Item No.:	600-401-940
Size:	100 µg
Applications:	WB
Reactivity:	Broad
Host Species:	Rabbit

Product Details

Background:	Anti-Lysine Methylated (MeK) Antibody is used in Cancer, Cell Biology and Chromatin & Nuclear Signaling research.
Synonyms:	Dimethyllysine 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
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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit IgG. Reactivity is specific for methylated lysine residues (mono, di). The cross reactivity with tri-methyl lysine has not been tested. There are no cross reactions with acetylated proteins.
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Relevant Links:	• 600-401-940 SDS
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Application Details

Tested Applications:	WB
Application Note:	This affinity-purified antibody is suitable for use in ELISA, immunohistochemistry, western blotting and immunoprecipitation assays. Although not tested, this antibody is likely functional in RIA, and flow cytometry.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:1,000 - 1:20,000
IP:	User Optimized
WB:	1:500 - 1:3,000

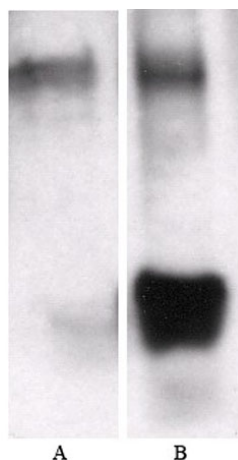
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	250 µg/mL by UV absorbance at 280 nm
Buffer:	1X PBS, pH 7.4
Stabilizer:	50% (v/v) Glycerol

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. 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 Anti-Lysine Methylated (MeK) Antibody.
Load: isolated histones from melanoma cells using 0.1M HCl.

Primary Antibody: Anti-Lysine Methylated (MeK) Antibody at 0.5µg/mL in TBST. Lane A blocked with 100µg/mL synthetic methylated BSA or without blocking Lane B.

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.