

Datasheet for 600-403-940

## Lysine Methylated Antibody Peroxidase Conjugated

### Overview

<b>Description:</b>	Anti-Lysine Methylated (MeK) (RABBIT) Antibody Peroxidase Conjugated - 600-403-940
<b>Item No.:</b>	600-403-940
<b>Size:</b>	100 µg
<b>Applications:</b>	ELISA, WB
<b>Reactivity:</b>	Broad
<b>Host Species:</b>	Rabbit

### Product Details

<b>Background:</b>	Anti-Lysine Methylated (MeK) Antibody HRP Conjugated is useful in Cancer, Cell Biology and Chromatin & Nuclear Signaling research.
<b>Synonyms:</b>	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
<b>Host Species:</b>	Rabbit
<b>Conjugate:</b>	Peroxidase (HRP)
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG

### Target Details

<b>Reactivity:</b>	Broad
<b>PTM Specificity:</b>	Methylation
<b>Immunogen Type:</b>	Other
<b>Immunogen:</b>	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 horseradish peroxidase and subsequent purification. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit IgG and anti-Peroxidase. Reactivity is specific for methylated lysine.

**Relevant Links:**

- [600-403-940 SDS](tel:600-403-940)

## Application Details

**Tested Applications:** ELISA, WB

**Application Note:** This affinity-purified antibody is suitable for use in ELISA and western blotting. 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:** 1:1,000-1:5,000

## 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:** 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 Peroxidase Conjugated.

Load: HeLa whole cells.

Primary Antibody: Anti-Lysine Methylated HRP Antibody.

Lane A: Signal methylated proteins without blocking.

Lane B: Signal methylated proteins blocked using 50µg/mL methylated BSA.

Lane C: Signal methylated proteins blocked using 10µg/mL methylated BSA.

## 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.