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Certificate of Analysis

Product: Biotin Conjugated Affinity Purified Anti-Methylated Lysine (MeK) [Rabbit]

Code: 600-406-940

Lot #: 18230

Size: 100 µg

Physical State: Liquid (sterile filtered)

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: 50% Glycerol

Preservative: None

Antibody Concentration: 1 mg/ml

Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC)

Storage Conditions: Store vial at -20° C, in 50% Glycerol and no preservative, prior to opening. Centrifuge product if not completely clear after standing at room temperature. Dilute only prior to immediate use. Expiration date is one (1) year from date of opening.

Application Note(s): 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.

Recommended Dilutions:	ELISA	1:5,000
	WESTERN BLOT	1:1,000
	IMMUNOPRECIPITATION	User Optimized
	IMMUNOHISTOCHEMISTRY	User Optimized
	OTHER APPLICATIONS	User Optimized

Purity and 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.

Immunogen: This affinity-purified antibody was prepared from whole rabbit serum produced by repeated immunizations with methylated lysine conjugated KLH.

Related Product(s):

- [#600-401-940](#) Affinity Purified Anti-Methylated Lysine (MeK) [Rabbit]
- [#600-403-940](#) Affinity Purified Anti-Methylated Lysine (MeK) [Rabbit]
- [#600-406-940](#) Affinity Purified Anti-Methylated Lysine (MeK) [Rabbit]
- [#611-703-127](#) Peroxidase Conjugated Affinity Purified Anti-RABBIT IgG (H&L) (DONKEY) MX10

USDA Certification: 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.

Note: 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.