

**Competitive Inhibitor of the Methyl Lysine Antibody**
NATURAL PROTEIN

Catalog Number: AB-286
Quantity: 5 milligrams
Format: 2 mg/ml in PBS

Background: MeK is a conserved post-translational modification and is an important biochemical process for many protein-protein interactions. It is found in calmodulin, cytochrome C, chromosomal proteins, histones, non-histones, and neural storage body proteins, as well as others. Data has suggested that methylation of lysine plays a role in gene silencing.

Specificity & Preparation: This material consists of BSA containing methylated lysine residues (MeK). It has been reported that at a concentration of 50 $\mu\text{g/ml}$ this protein can compete with signal from other proteins containing methylated lysines. No inhibition occurs in the presence of 3% BSA.

Usage: Competition of signal from other proteins containing methylated lysines has been reported to occur at a concentration of 50 $\mu\text{g/ml}$.

Storage: This protein is stable for 1 year at -20°C . Gently spin down material 5-10 seconds in a microfuge before use.

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