

## Product datasheet

# Anti-Methylated Lysine antibody (Biotin) ab80182

### Overview

<b>Product name</b>	Anti-Methylated Lysine antibody (Biotin)
<b>Description</b>	Rabbit polyclonal to Methylated Lysine (Biotin)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	Biotin
<b>Specificity</b>	ab80182 detects proteins containing methylated lysine residues.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Methylated KLH conjugates
<b>Positive control</b>	Melanoma cells in TBSt.

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: None Constituents: 50% Glycerol, PBS
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab80182** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.
IP		Use at an assay dependent dilution.
ELISA		Use at an assay dependent dilution.

## Target

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### Relevance

Many proteins are post translationally modified. Modifications such as phosphorylation, glycosylation, ubiquitination and methylation have been shown to play an important role in the development, physiology and disease of animals and plants. Histone lysine methylation is regarded as a very stable modification with important functions in epigenetic gene control and for organizing chromatin domains.

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