

## KDM4B / JMJD2B Conjugated Antibody

Catalog No: #C56662



Package Size: #C56662-AF350 100ul #C56662-AF405 100ul #C56662-AF488 100ul  
 #C56662-AF555 100ul #C56662-AF594 100ul #C56662-AF647 100ul  
 #C56662-AF680 100ul #C56662-AF750 100ul #C56662-Biotin 100ul

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## Description

Product Name	KDM4B / JMJD2B Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	KDM4B / JMJD2B Antibody detects endogenous levels of total KDM4B / JMJD2B
Immunogen Description	A synthesized peptide derived from human KDM4B / JMJD2B
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	JHDM3B; JMJD2B; Kdm4b; TDRD14B;
Accession No.	Uniprot:O94953
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	150kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate.

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Note: This product is for in vitro research use only