

# Product Datasheet

## Lysine (K)-specific Demethylase 4A/KDM4A/JMJD2A Antibody (6E10G4) - BSA Free NBP2-52499

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-52499**

Lysine (K)-specific Demethylase 4A/KDM4A/JMJD2A Antibody (6E10G4) - BSA Free

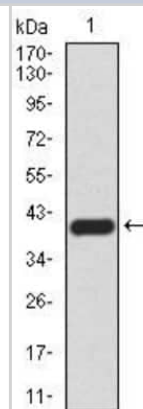
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6E10G4
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	120.6 kDa

Product Description	
Description	Novus Biologicals Mouse Lysine (K)-specific Demethylase 4A/KDM4A/JMJD2A Antibody (6E10G4) - BSA Free (NBP2-52499) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9682
Gene Symbol	KDM4A
Species	Human
Immunogen	Purified recombinant fragment of human Lysine (K)-specific Demethylase 4A/KDM4A/JMJD2A (AA: 932-1057) expressed in E. Coli.

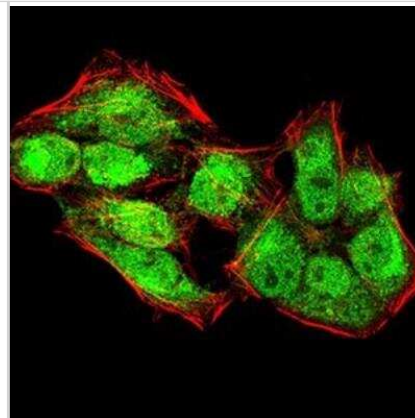
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

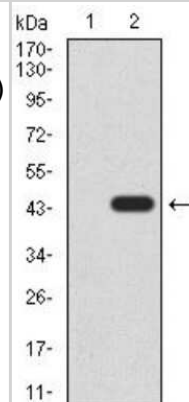
Western Blot: Lysine (K)-specific Demethylase 4A/KDM4A/JMJD2A Antibody (6E10G4) [NBP2-52499] - Western blot analysis using KDM4A mAb against human KDM4A (AA: 932-1057) recombinant protein. (Expected MW is 40.6 kDa)



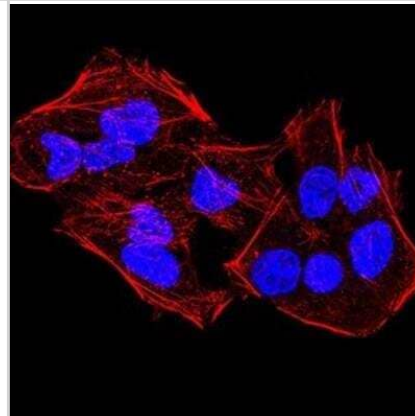
Immunocytochemistry/Immunofluorescence: Lysine (K)-specific Demethylase 4A/KDM4A/JMJD2A Antibody (6E10G4) [NBP2-52499] - Analysis of HeLa cells using KDM4A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



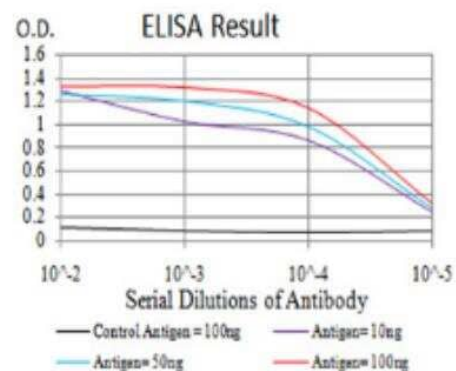
Western Blot: Lysine (K)-specific Demethylase 4A/KDM4A/JMJD2A Antibody (6E10G4) [NBP2-52499] - Analysis using KDM4A mAb against HEK293 (1) and KDM4A (AA: 932-1057)-hlgGfC transfected HEK293 (2) cell lysate.



Immunocytochemistry/Immunofluorescence: Lysine (K)-specific Demethylase 4A/KDM4A/JMJD2A Antibody (6E10G4) [NBP2-52499] - Analysis of HeLa cells using KDM4A mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



ELISA: Lysine (K)-specific Demethylase 4A/KDM4A/JMJD2A Antibody (6E10G4) [NBP2-52499] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);





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### **Products Related to NBP2-52499**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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