

# Product Datasheet

## Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (PSH03-97) NBP3-32495

Unit Size: 100 ul

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

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**NBP3-32495**

Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (PSH03-97)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH03-97
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	176 kDa

Product Description	
Description	Novus Biologicals Rabbit Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (PSH03-97) (NBP3-32495) is a recombinant monoclonal antibody validated for use in WB and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	10765
Gene Symbol	KDM5B
Species	Human
Immunogen	Synthetic peptide within Human Lysine (K)-specific Demethylase 5B/Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B aa 960-1,009 / 1,544. (Uniprot: Q9UGL1)

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunoprecipitation 1-2ug/sample

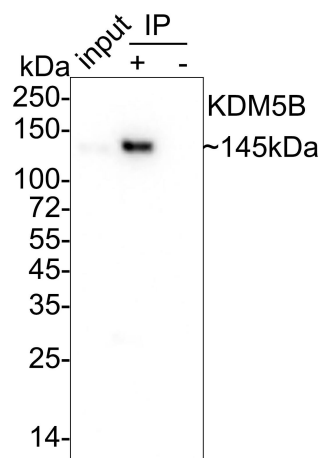


## Images

Immunoprecipitation: Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (PSH03-97) [NBP3-32495] - Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B was immunoprecipitated in 0.2mg A549 cell lysate with NBP3-32495 at 2 ug/25 ul agarose. Western blot was performed from the immunoprecipitate using NBP3-32495 at 1/1,000 dilution. Anti-Rabbit IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.

Lane 1: A549 cell lysate (input)  
Lane 2: IP in A549 cell lysate  
Lane 3: Rabbit IgG in A549 cell lysate

Blocking/Dilution buffer: 5% NFDM/TBST  
Exposure time: 24 seconds



Western Blot: Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B Antibody (PSH03-97) [NBP3-32495] - Western blot analysis of Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B on different lysates with Rabbit anti-Lysine (K)-specific Demethylase 5B/KDM5B/JARID1B antibody (NBP3-32495) at 1/2,000 dilution.

Lane 1: BT-20 cell lysate  
Lane 2: MDA-MB-468 cell lysate  
Lane 3: AGS cell lysate  
Lane 4: A549 cell lysate

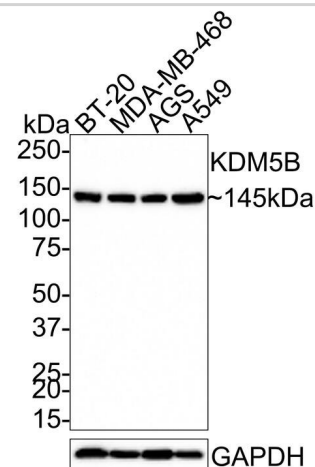
Lysates/proteins at 20 ug/Lane.

Predicted band size: 176 kDa  
Observed band size: 145 kDa

Exposure time: 5 minutes;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32495) at 1/2,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/200,000 dilution was used for 1 hour at room temperature.





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### **Products Related to NBP3-32495**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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