# Product Datasheet

## KDM2A/FBXL11 Antibody - BSA Free
## NBP1-78305

Unit Size: 0.1 ml

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



**Reviews: 3**

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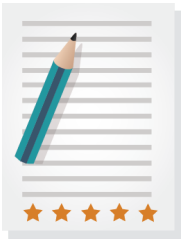
Updated 9/9/2025 v.20.1





# NBP1-78305

KDM2A/FBXL11 Antibody - BSA Free

## Product Information

| | |
|---|---|
| **Unit Size** | 0.1 ml |
| **Concentration** | 1.2 mg/ml |
| **Storage** | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| **Clonality** | Polyclonal |
| **Preservative** | 0.05% Sodium Azide |
| **Isotype** | IgG |
| **Purity** | Immunogen affinity purified |
| **Buffer** | PBS and 30% Glycerol |

## Product Description

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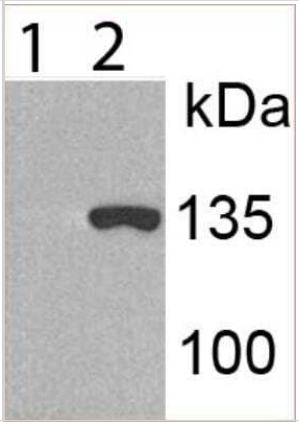
|---|---|
| **Description** | Novus Biologicals Rabbit KDM2A/FBXL11 Antibody - BSA Free (NBP1-78305) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| **Host** | Rabbit |
| **Gene ID** | 22992 |
| **Gene Symbol** | KDM2A |
| **Species** | Human, Mouse |
| **Immunogen** | A synthetic peptide made to an N-terminal portion of the human KDM2A/FBXL11 protein (between residues 350-500) [UniProt Q9Y2K7] |

## Product Application Details

| | |
|---|---|
| **Applications** | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| **Recommended Dilutions** | Western Blot reported by customer review, Immunohistochemistry 1:300, Immunocytochemistry/ Immunofluorescence 1:100-1:400, Immunohistochemistry-Paraffin 1:300 |
| **Application Notes** | This KDM2A/FBXL11 antibody is useful for Immunocytochemistry/Immunofluorescence where nuclear staining is observed in HeLa cells and IHC-paraffin embedded sections where nuclear staining is seen in human kidney cancer xenograft. Prior to immunostaining paraffin tissues, antigen retrieval with sodium citrate buffer (pH 6.0) is recommended. |

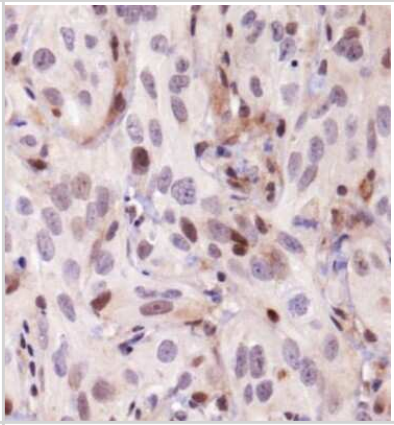
## Images

Western Blot: KDM2A/FBXL11 Antibody [NBP1-78305] - 1) 293T. 2) 293T transiently transfected to express human KDM2A. WB image submitted by a verified customer review.

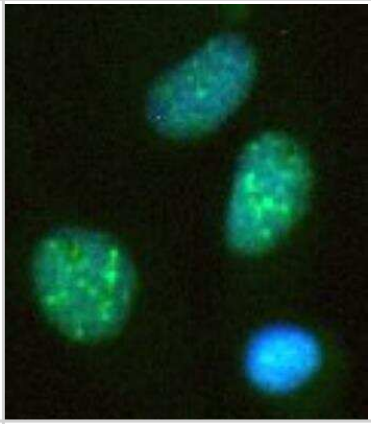


Immunocytochemistry/Immunofluorescence: KDM2A/FBXL11 Antibody - BSA Free [NBP1-78305] - Mouse MS1 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with KCM2A/FBXL11 Antibody (NBP1-78305) at 2ug/ml overnight at 4C and detected with an anti-rabbit DyLight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.


Immunohistochemistry: KDM2A/FBXL11 Antibody [NBP1-78305] - IHC analysis of KDM2A / FBXL11 in human kidney cancer xenograft using DAB with hematoxylin counterstain.



Immunocytochemistry/Immunofluorescence: KDM2A/FBXL11 Antibody [NBP1-78305] - Human astrocytoma cell line lentivirally transduced and expressing KDM2A. Cells were fixed with 4% paraformaldehyde and stained with anti-KDM2A, followed by Alexa Fluor 488-anti-rabbit secondary antibody. DAPI staining shows nuclei. ICC/IF image submitted by a verified customer review.



Immunocytochemistry/Immunofluorescence: KDM2A/FBXL11 Antibody - BSA Free [NBP1-78305] - Caco-2 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with KDM2A/FBXL11 Antibody (NBP1-78305) at 1ug/ml overnight at 4C and detected with an anti-rabbit DyLight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.

## Procedures

**Immunohistochemistry-Paraffin Embedded Sections protocol specific for FBXL11 antibody (NBP1-78305)**
KDM2A/FBXL11 Antibody:
Immunohistochemistry-Paraffin Embedded Sections
Antigen Unmasking:
Bring slides to a boil in 10 mM sodium citrate buffer (pH 6.0) then maintain at a sub-boiling temperature for 10 minutes. Cool slides on bench-top for 30 minutes.
Staining:
1. Wash sections in deionized water three times for 5 minutes each.
2. Wash sections in wash buffer for 5 minutes.
3. Block each section with 100-400 ul blocking solution for 1 hour at room temperature.
4. Remove blocking solution and add 100-400 ul diluted primary antibody. Incubate overnight at 4C.
5. Remove antibody solution and wash sections in wash buffer three times for 5 minutes each.
6. Add 100-400 ul biotinylated diluted secondary antibody. Incubate 30 minutes at room temperature.
7. Remove secondary antibody solution and wash sections three times with wash buffer for 5 minutes each.
8. Add 100-400 ul Streptavidin-HRP reagent to each section and incubate for 30 minutes at room temperature.
9. Wash sections three times in wash buffer for 5 minutes each.
10. Add 100-400 ul DAB substrate to each section and monitor staining closely.
11. As soon as the sections develop, immerse slides in deionized water.
12. Counterstain sections in hematoxylin.
13. Wash sections in deionized water two times for 5 minutes each.
14. Dehydrate sections.
15. Mount coverslips.
*The above information is only intended as a guide. The researcher should determine what protocol best meets their needs. Please follow safe laboratory procedures.

**Immunocytochemistry/Immunofluorescence protocol for KDM2A/FBXL11 Antibody (NBP1-78305)**
KDM2A/FBXL11 Antibody:
Immunocytochemistry Protocol

Culture cells to appropriate density in 35 mm culture dishes or 6-well plates.
1. Remove culture medium and add 10% formalin to the dish. Fix at room temperature for 30 minutes.
2. Remove the formalin and add ice cold methanol. Incubate for 5-10 minutes.
3. Remove methanol and add washing solution (i.e. PBS). Be sure to not let the specimen dry out. Wash three times for 10 minutes.
4. To block nonspecific antibody binding incubate in 10% normal goat serum from 1 hour to overnight at room temperature.
5. Add primary antibody at appropriate dilution and incubate at room temperature from 2 hours to overnight at room temperature.
6. Remove primary antibody and replace with washing solution. Wash three times for 10 minutes.
7. Add secondary antibody at appropriate dilution. Incubate for 1 hour at room temperature.
8. Remove antibody and replace with wash solution, then wash for 10 minutes. Add Hoechst 33258 to wash solution at 1:25,0000 and incubate for 10 minutes. Wash a third time for 10 minutes.
9. Cells can be viewed directly after washing. The plates can also be stored in PBS containing Azide covered in Parafilm (TM). Cells can also be cover-slipped using Fluoromount, with appropriate sealing.

*The above information is only intended as a guide. The researcher should determine what protocol best meets their needs. Please follow safe laboratory procedures.

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## Products Related to NBP1-78305

| | |
|---|---|
| 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 |

### 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.

**For more information on our 100% guarantee, please visit www.novusbio.com/guarantee**

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