

# Product Datasheet

## FAM111B Antibody - BSA Free NBP1-86645

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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Updated 12/2/2025 v.20.1

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**NBP1-86645**

FAM111B Antibody - BSA Free

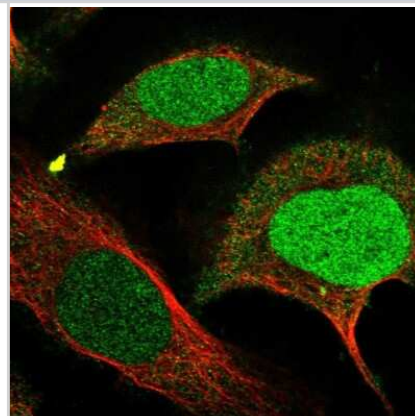
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

Product Description	
<b>Description</b>	Novus Biologicals Rabbit FAM111B Antibody - BSA Free (NBP1-86645) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	374393
<b>Gene Symbol</b>	FAM111B
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SMKTEENKSFAMEDDQRTRPEVSKDVTVMKQTHADTPVDHCLSGIRKCSSTF KLKSEVNHETALEMQNPNNLNKECCFTFTLNGNS

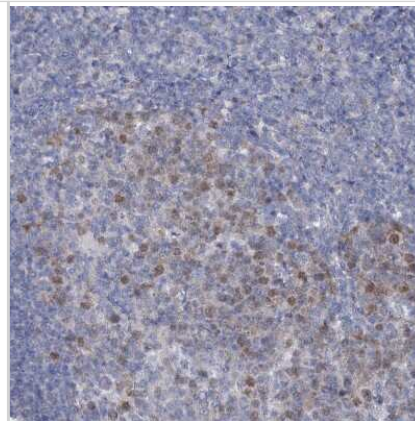
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

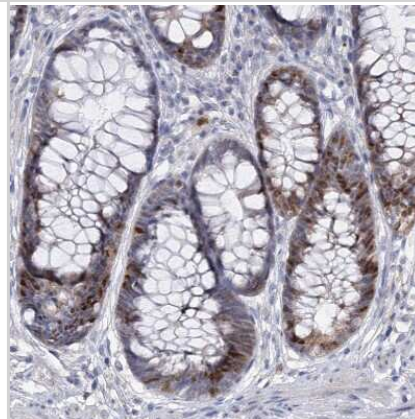
Immunocytochemistry/Immunofluorescence: FAM111B Antibody [NBP1-86645] - Staining of human cell line U-2 OS shows localization to nucleus & cytosol. Antibody staining is shown in green.



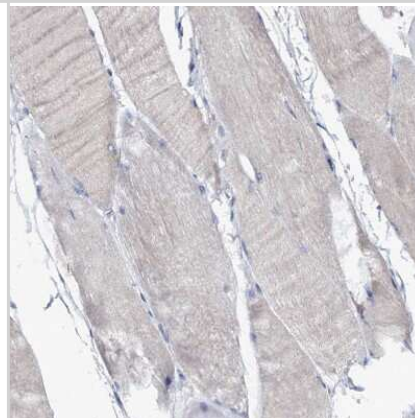
Immunohistochemistry-Paraffin: FAM111B Antibody [NBP1-86645] - Staining of human tonsil shows weak to moderate nuclear positivity in germinal center cells.



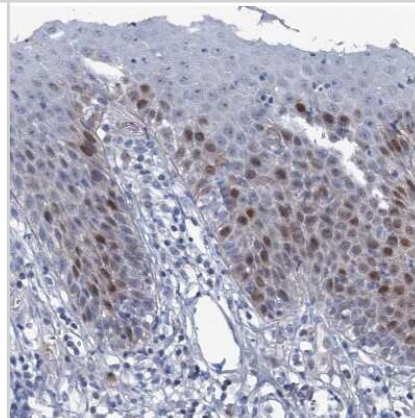
Immunohistochemistry-Paraffin: FAM111B Antibody [NBP1-86645] - Staining of human rectum shows moderate nuclear positivity in glandular cells.



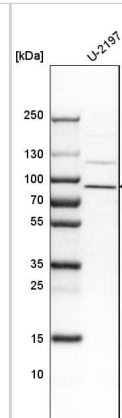
Immunohistochemistry-Paraffin: FAM111B Antibody [NBP1-86645] - Staining of human skeletal muscle shows no nuclear positivity in myocytes as expected.



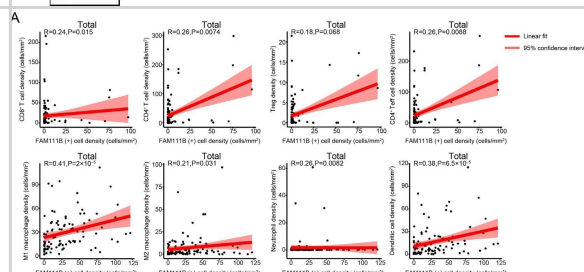
Immunohistochemistry-Paraffin: FAM111B Antibody [NBP1-86645] - Staining of human skin shows weak to moderate nuclear positivity in the epithelial cells.



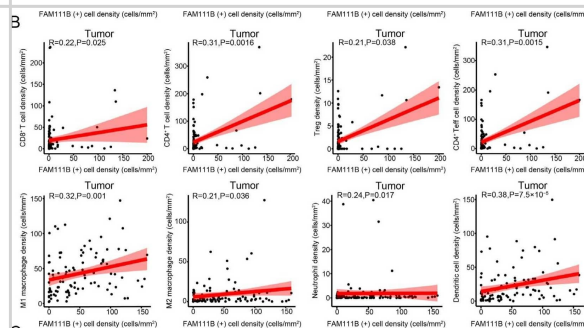
Analysis in human cell line U-2197.



FAM111B expression is positively correlated with immune cell infiltration in OC. (A–C) Scatter plots showing the correlations between the densities of immune cells and FAM111B-positive cells in total (A), tumor (B), and stromal (C) tissues. Statistical analysis was performed via Spearman's rank correlation analysis. Image collected and cropped by CiteAb from the following open publication (<https://pubmed.ncbi.nlm.nih.gov/40564014>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



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## Publications

Wei F, Li W, Zhou T et al. Unveiling FAM111B: A Pan-Cancer Biomarker for DNA Repair and Immune Infiltration. *International Journal of Molecular Sciences* 2025-04-17 [PMID: 40243892]

Yu G, Wei F, Li W et al. FAM111B knockdown attenuates tumorigenesis of ovarian cancer via the downregulation of MYC *BMC Cancer* 2025-08-09 [PMID: 40781291]



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### **Products Related to NBP1-86645**

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NBP1-86645PEP	FAM111B Recombinant Protein Antigen
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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