

# Product Datasheet

## EMI1 Antibody (JG35-83) NBP2-76833

Unit Size: 100 ul

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

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**NBP2-76833**

EMI1 Antibody (JG35-83)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JG35-83
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Target Molecular Weight</b>	50 kDa

**Product Description**

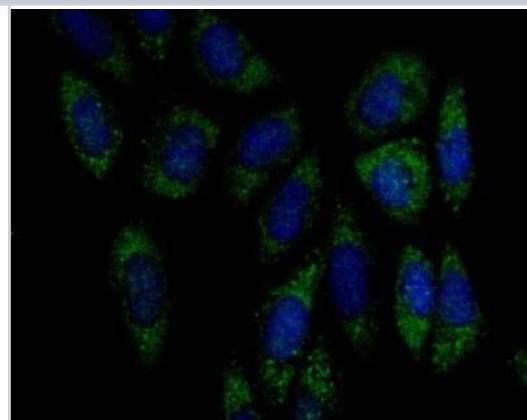
<b>Host</b>	Rabbit
<b>Gene ID</b>	26271
<b>Gene Symbol</b>	FBXO5
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within Human EMI1 aa 128-244 / 447. (SwissProt: Q9UKT4 Human; SwissProt: Q7TSG3 Mouse; SwissProt: B0BNA4 Rat)

**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

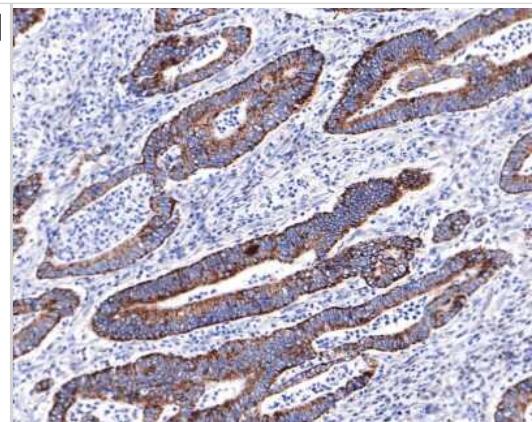
**Images**

Immunocytochemistry/Immunofluorescence: EMI1 Antibody (JG35-83) [NBP2-76833] - ICC staining Emi1 in Siha cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

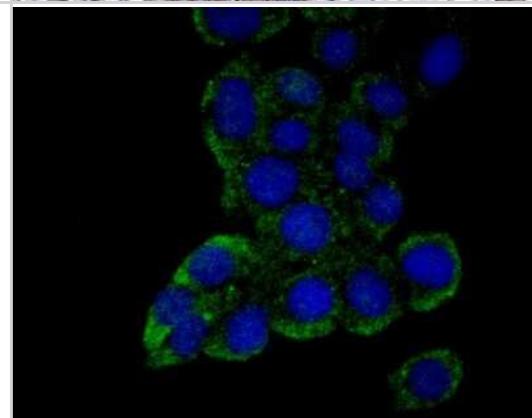


## Immunohistochemistry-Paraffin: EMI1 Antibody (JG35-83) [NBP2-76833]

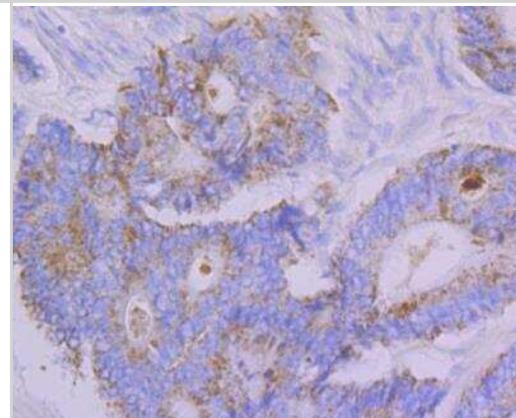
- Analysis of paraffin-embedded human colon carcinoma with Rabbit anti-EMI1 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



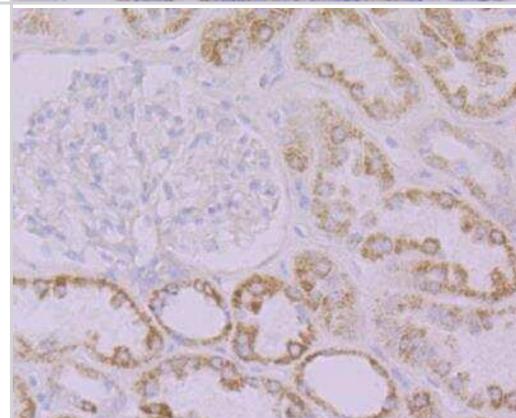
## Immunocytochemistry/Immunofluorescence: EMI1 Antibody (JG35-83) [NBP2-76833] - ICC staining Emi1 in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



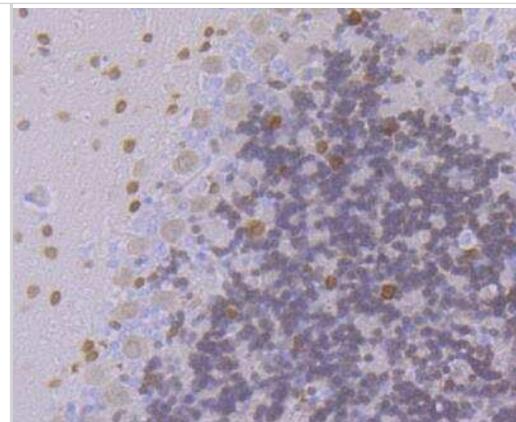
## Immunohistochemistry: EMI1 Antibody (JG35-83) [NBP2-76833] - Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-Emi1 antibody. Counter stained with hematoxylin.



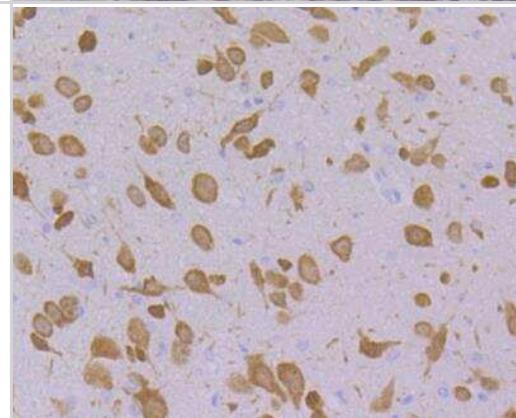
## Immunohistochemistry: EMI1 Antibody (JG35-83) [NBP2-76833] - Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Emi1 antibody. Counter stained with hematoxylin.



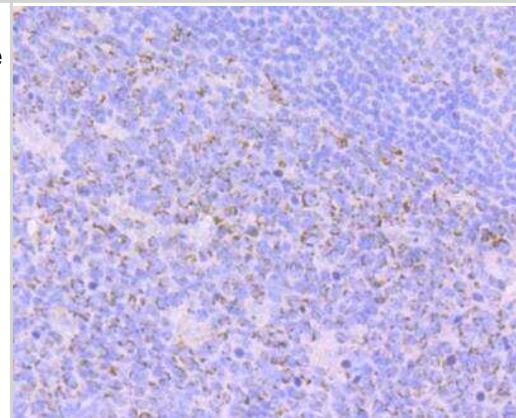
Immunohistochemistry: EMI1 Antibody (JG35-83) [NBP2-76833] -  
Immunohistochemical analysis of paraffin-embedded rat cerebellum  
tissue using anti-Emi1 antibody. Counter stained with hematoxylin.



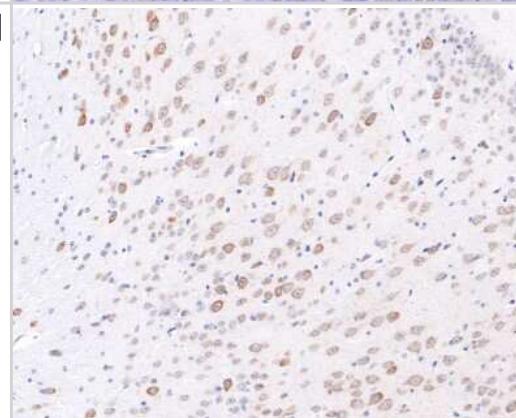
Immunohistochemistry: EMI1 Antibody (JG35-83) [NBP2-76833] -  
Immunohistochemical analysis of paraffin-embedded mouse cerebellum  
tissue using anti-Emi1 antibody. Counter stained with hematoxylin.



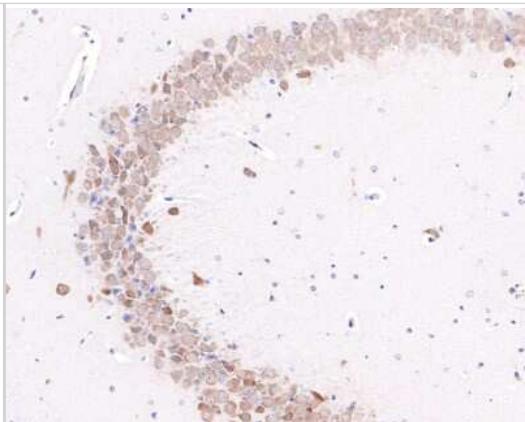
Immunohistochemistry: EMI1 Antibody (JG35-83) [NBP2-76833] -  
Immunohistochemical analysis of paraffin-embedded human tonsil tissue  
using anti-Emi1 antibody. Counter stained with hematoxylin.



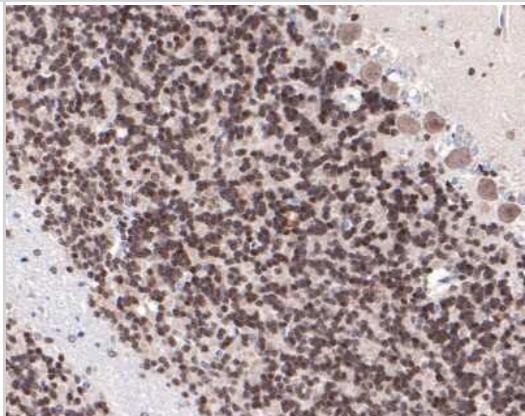
Immunohistochemistry-Paraffin: EMI1 Antibody (JG35-83) [NBP2-76833]  
- Analysis of paraffin-embedded mouse brain tissue with Rabbit anti-  
EMI1 antibody washed with ddH2O and PBS, and then probed with the  
primary antibody at 1/400 dilution for 1 hour at room temperature. The  
detection was performed using an HRP conjugated compact polymer  
system. DAB was used as the chromogen. Tissues were counterstained  
with hematoxylin and mounted with DPX.



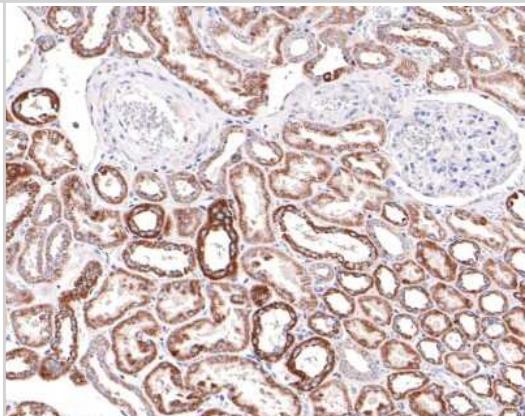
Immunohistochemistry-Paraffin: EMI1 Antibody (JG35-83) [NBP2-76833]  
 - Analysis of paraffin-embedded mouse hippocampus tissue with Rabbit anti-EMI1 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: EMI1 Antibody (JG35-83) [NBP2-76833]  
 - Analysis of paraffin-embedded mouse cerebellum tissue with Rabbit anti-EMI1 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/100 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: EMI1 Antibody (JG35-83) [NBP2-76833]  
 - Analysis of paraffin-embedded Human kidney with Rabbit anti-EMI1 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



## Publications

Kang JW, Zhan Z, Ji G et al. PUMA facilitates EMI1-promoted cytoplasmic Rad51 ubiquitination and inhibits DNA repair in stem and progenitor cells. *Signal transduction and targeted therapy* 2021-03-31 [PMID: 33785736] (ICC/IF, Mouse)



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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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