

# Product Datasheet

## FADD Antibody (JE45-25)

### NBP3-32328

Unit Size: 100 ul

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

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**NBP3-32328**

FADD Antibody (JE45-25)

<b>Product Information</b>	
<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>	JE45-25
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	23 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit FADD Antibody (JE45-25) (NBP3-32328) is a recombinant monoclonal 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>	8772
<b>Gene Symbol</b>	FADD
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptide. (Uniprot: Q13158)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:200



## Images

Western Blot: FADD Antibody (JE45-25) [NBP3-32328] - Western blot analysis of FADD on different lysates with Rabbit anti-FADD antibody (NBP3-32328) at 1/1,000 dilution.

Lane 1: A431 cell lysate, 10 ug/Lane  
 Lane 2: K-562 cell lysate, 10 ug/Lane  
 Lane 3: Jurkat cell lysate, 10 ug/Lane  
 Lane 4: MCF7 cell lysate, 10 ug/Lane  
 Lane 5: HeLa cell lysate, 10 ug/Lane  
 Lane 6: SK-Br-3 cell lysate, 10 ug/Lane  
 Lane 7: SW480 cell lysate, 10 ug/Lane  
 Lane 8: THP-1 cell lysate, 10 ug/Lane  
 Lane 9: A549 cell lysate, 10 ug/Lane  
 Lane 10: HepG2 cell lysate, 10 ug/Lane

Predicted band size: 23 kDa  
 Observed band size: 25 kDa

Exposure time: 90 seconds;

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 (NBP3-32328) at 1/1,000 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.

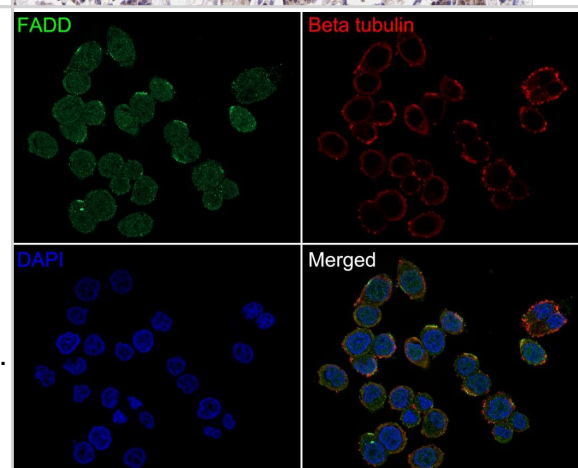
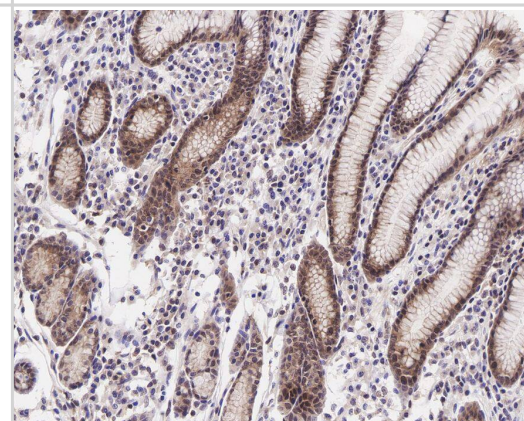
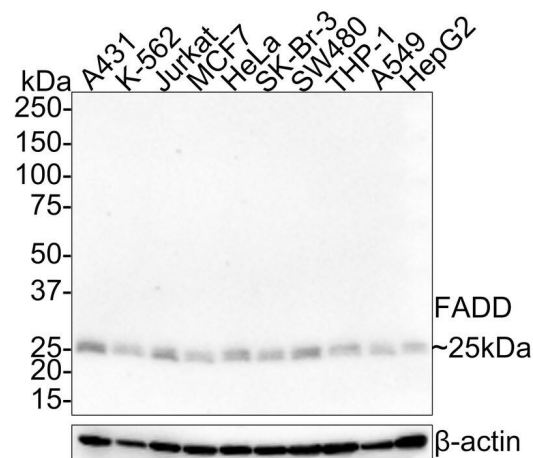
Immunohistochemistry: FADD Antibody (JE45-25) [NBP3-32328] - Immunohistochemical analysis of paraffin-embedded human stomach tissue with Rabbit anti-FADD antibody (NBP3-32328) at 1/200 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32328) at 1/200 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: FADD Antibody (JE45-25) [NBP3-32328] - Immunocytochemistry analysis of SW480 cells labeling FADD with Rabbit anti-FADD antibody (NBP3-32328) at 1/50 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-FADD antibody (NBP3-32328) at 1/50 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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### **Products Related to NBP3-32328**

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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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