

# Product Datasheet

## Tight Junction Protein 1 Antibody (BLR092G) NBP2-80141

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NBP2-80141****Tight Junction Protein 1 Antibody (BLR092G)****Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BLR092G
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	Borate Buffered Saline (BBS) pH 8.2, 0.1% BSA

**Product Description**

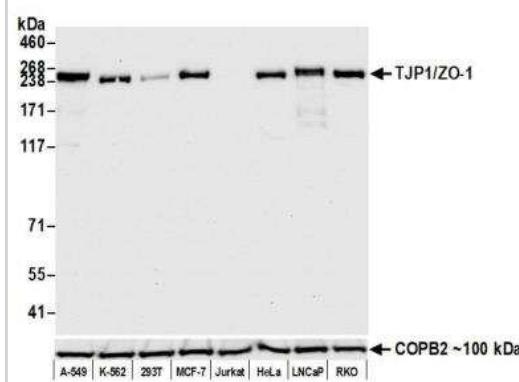
<b>Description</b>	Novus Biologicals Rabbit Tight Junction Protein 1 Antibody (BLR092G) (NBP2-80141) is a recombinant monoclonal antibody validated for use in Multiplex Immunofluorescence, IHC, WB, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	7082
<b>Gene Symbol</b>	TJP1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	between 650 and 700

**Product Application Details**

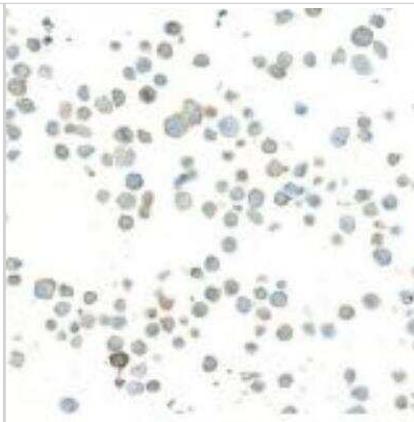
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Multiplex Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry 1:100 - 1:500, Immunocytochemistry/ Immunofluorescence 1:100- 1:500, Immunoprecipitation 12 ul / 1 mg lysate, Immunohistochemistry-Paraffin 1:100 - 1:500, Multiplex Immunofluorescence
<b>Application Notes</b>	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**Images**

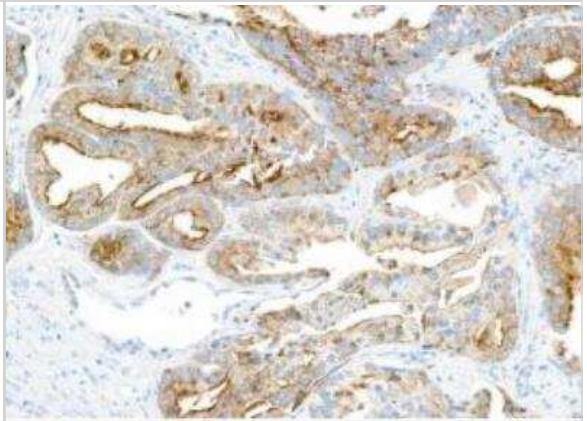
Western Blot: Tight Junction Protein 1 Antibody (BLR092G) [NBP2-80141] - Detection of human TJP1/ZO-1 by WB of A-549, K-562, HEK293T, MCF-7, Jurkat, HeLa, LNCaP, and RKO lysate. Antibody: Rabbit anti-TJP1/ZO-1 recombinant monoclonal [BLR092G] (NBP2-80141). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-101P). Lower Panel: Rabbit anti-COPB2 antibody.



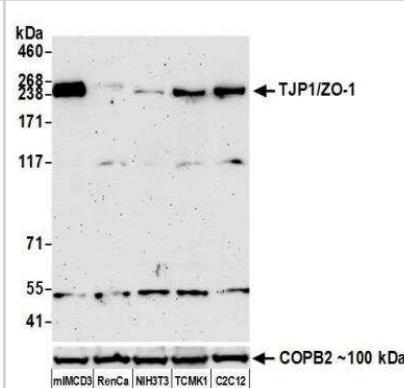
Immunocytochemistry/Immunofluorescence: Tight Junction Protein 1 Antibody (BLR092G) [NBP2-80141] - Rabbit anti-ZO-1 recombinant monoclonal antibody [BLR092G]. Secondary: HRP-conjugated goat anti-rabbit IgG. Substrate: DAB.



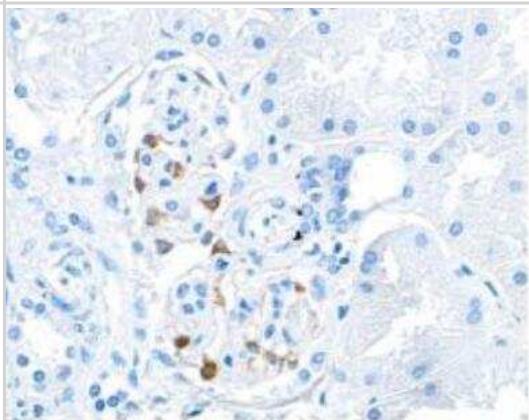
Immunohistochemistry-Paraffin: Tight Junction Protein 1 Antibody (BLR092G) [NBP2-80141] - Rabbit anti-ZO-1 recombinant monoclonal antibody [BLR092G]. Secondary: HRPconjugated goat anti-rabbit IgG. Substrate: DAB.



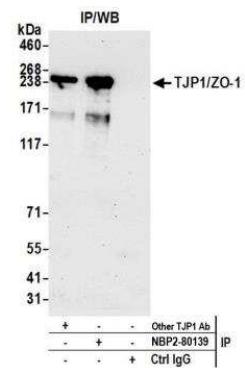
Western Blot: Tight Junction Protein 1 Antibody (BLR092G) [NBP2-80141] - Detection of mouse TJP1/ZO-1 by WB of mIMCD-3, RenCa, NIH 3T3, TCMK-1, and C2C12 lysate. Antibody: Rabbit anti-TJP1/ZO-1 recombinant monoclonal [BLR092G] (A700-092). Secondary: HRP-conjugated goat anti-rabbit IgG (NBP2-80141). Lower Panel: Rabbit anti-COPB2 antibody.



Immunohistochemistry-Paraffin: Tight Junction Protein 1 Antibody (BLR092G) [NBP2-80141] - Rabbit anti-ZO-1 recombinant monoclonal antibody [BLR092G]. Secondary: HRPconjugated goat anti-rabbit IgG. Substrate: DAB.



Immunoprecipitation: Tight Junction Protein 1 Antibody (BLR092G) [NBP2-80141] - Detection of human TJP1/ZO-1 by WB immunoprecipitates from A-549 lysate. Antibodies: Rabbit anti-TJP1/ZO-1 recombinant monoclonal [BLR092G] (NBP2-80141) and another rabbit anti-TJP1/ZO-1.





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## Products Related to NBP2-80141

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-85046PEP	Tight Junction Protein 1 Recombinant Protein Antigen

## 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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