

Product Datasheet

Claudin-3 Antibody (OT11E7)

NBP2-46299

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-46299**Claudin-3 Antibody (OTI1E7)**

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1E7
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	23.1 kDa

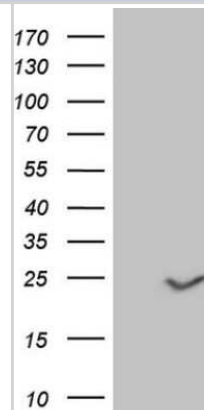
Product Description	
Description	Novus Biologicals Mouse Claudin-3 Antibody (OTI1E7) (NBP2-46299) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Claudin-3 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1365
Gene Symbol	CLDN3
Species	Human, Mouse, Rat, Zebrafish
Reactivity Notes	Zebrafish reactivity reported in scientific literature (PMID:32866532). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human CLDN3 (NP_001297) produced in HEK293T cell.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Use in ICC/IF reported in scientific literature (PMID:32866532)



Images

Western Blot: Claudin-3 Antibody (1E7) [NBP2-46299] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Claudin-3.



Immunohistochemistry: Claudin-3 Antibody (1E7) [NBP2-46299] - Analysis of Adenocarcinoma of Human colon tissue. (Heat-induced epitope retrieval by 1 mM EDTA in 10mM Tris, pH8.5, 120C for 3min)



Publications

Lu J, Liu R, Miao A et al. The role of cldnh during the early retinal development in zebrafish *Exp. Eye Res.* 2020-08-28 [PMID: 32866532] (ICC/IF, Zebrafish)



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Products Related to NBP2-46299

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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