

# Product Datasheet

## **Claudin-18.2 Antibody (CLDN18.2/8141R) - Azide and BSA Free** **NBP3-24137**

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP3-24137**

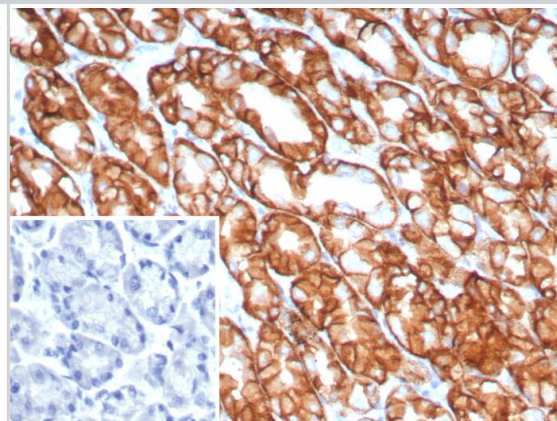
Claudin-18.2 Antibody (CLDN18.2/8141R) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CLDN18.2/8141R
Preservative	No Preservative
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	10mM PBS
Product Description	
Description	Antibody without azide - store at -20 to -80C.
Host	Rabbit
Gene ID	51208
Gene Symbol	CLDN18
Species	Human
Specificity/Sensitivity	The claudin superfamily consists of many structurally related proteins in humans. These proteins are important structural and functional components of tight junctions in paracellular transport. Claudins are located in both epithelial and endothelial cells in all tight junction-bearing tissues. Three classes of proteins are known to localize to tight junctions, including the claudins, occludin and junction adhesion molecule. Claudins, which consist of four transmembrane domains and two extracellular loops, make up tight junction strands. Emerging evidence suggests that the claudin family of proteins regulates transport through tight junctions via differential discrimination for solute size and charge. Claudin expression is often highly restricted to specific regions of different tissues and may have an important role in transcellular transport through tight junctions.
Immunogen	Recombinant fragment (around aa1-100) of human Claudin-18.2 protein (exact sequence is proprietary)
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2ug/ml
Application Notes	Immunohistochemistry-Paraffin: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



## Images

Formalin-fixed, paraffin-embedded human stomach stained with Claudin-18.2 antibody (CLDN18.2/8141R) - Azide and BSA Free. Inset: PBS instead of primary antibody; secondary only negative control.





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### **Products Related to NBP3-24137**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NB200-103	p53 Antibody (PAb 240) - BSA Free
NBP2-15196-0.1mg	MUC5AC Antibody (45M1)

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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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