

Product Datasheet

Lactase Antibody (CL14133) - BSA Free NBP3-26844-100ul

Unit Size: 100 ul

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

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NBP3-26844-100ul

Lactase Antibody (CL14133) - BSA Free

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL14133
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description

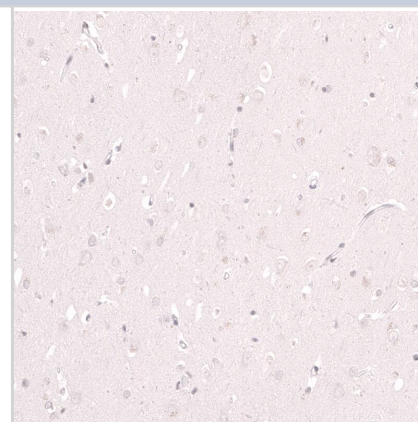
Description	Novus Biologicals Mouse Lactase Antibody (CL14133) - BSA Free (NBP3-26844) is a monoclonal antibody validated for use in IHC. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3938
Gene Symbol	LCT
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P09848, with the exact immunogen sequence remaining proprietary.

Product Application Details

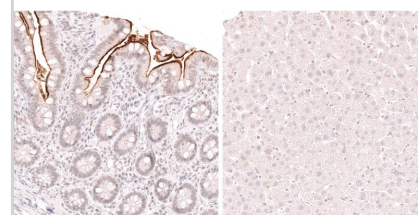
Applications	Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Staining of human cerebral cortex shows no positivity in neurons as expected.

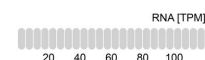
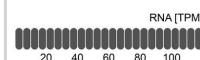


Analysis in human small intestine and liver tissues. Corresponding RNA-seq data are presented for the same tissues.

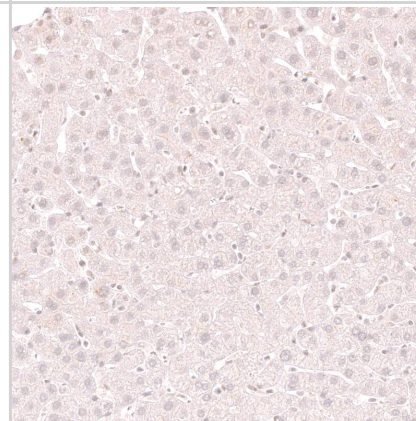


LCT in Small intestine

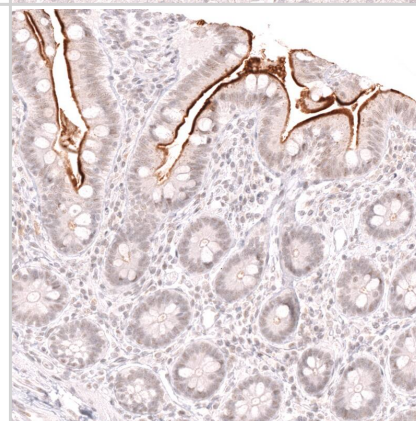
LCT in Liver



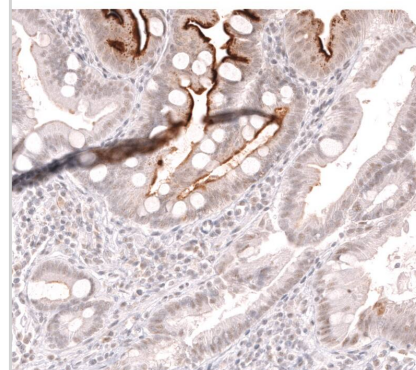
Staining of human liver shows no positivity in hepatocytes as expected.



Staining of human small intestine shows strong membranous positivity in the intestinal brush border.



Staining of human duodenum shows strong membranous positivity in the intestinal brush border.





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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
291-G1-200	IGF-I/IGF-1 [Unconjugated]

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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