# Product Datasheet

## Lactase Antibody (CL14164) - BSA Free
## NBP3-26848-100ul

Unit Size: 100 ul

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

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# NBP3-26848-100ul

Lactase Antibody (CL14164) - 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** | CL14164 |
| **Preservative** | 0.02% Sodium Azide |
| **Isotype** | IgG2b |
| **Purity** | Protein A purified |
| **Buffer** | PBS (pH 7.2) and 40% Glycerol |

## Product Description

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|---|---|
| **Description** | Novus Biologicals Mouse Lactase Antibody (CL14164) - BSA Free (NBP3-26848) 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

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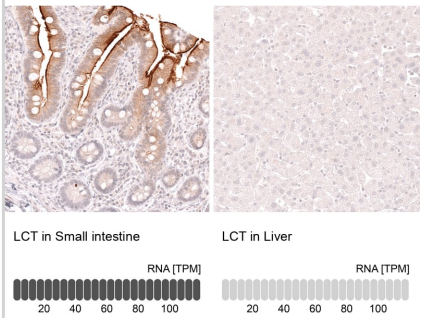
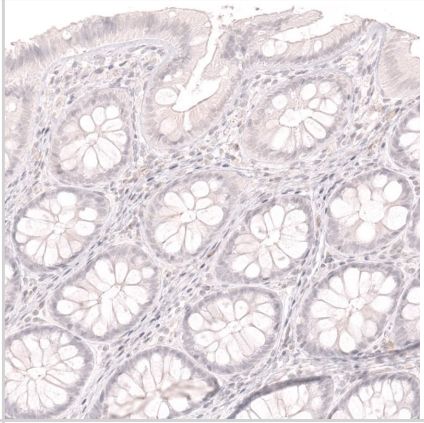
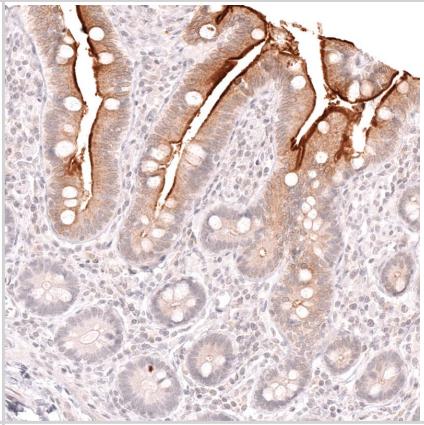
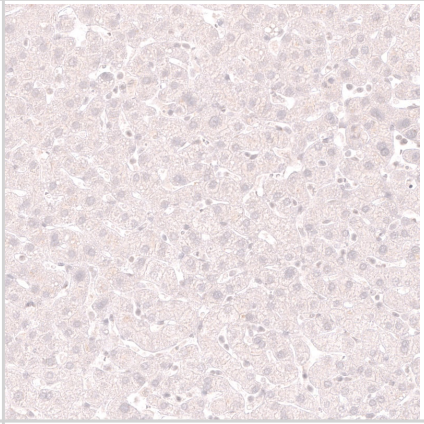
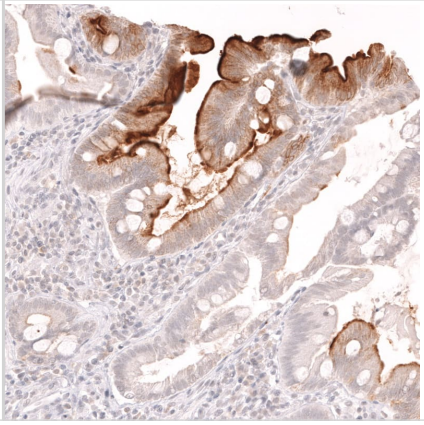
|---|---|
| **Applications** | Immunohistochemistry-Paraffin, Immunohistochemistry |
| **Recommended Dilutions** | Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000 |
| **Application Notes** | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

## Images

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



| | |
|---|---|
| Staining of human colon shows no positivity in glandular cells as expected. |  |
| Staining of human small intestine shows strong membranous positivity in the intestinal brush border. |  |
| Staining of human liver shows no positivity in hepatocytes as expected. |  |
| Staining of human duodenum shows strong membranous positivity in the intestinal brush border. |  |

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## Products Related to NBP3-26848-100ul

| | |
|---|---|
| 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) |
| 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.

**For more information on our 100% guarantee, please visit www.novusbio.com/guarantee**

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