

Product Datasheet

CD11c Antibody (CL1831) - BSA Free NBP2-34491

Unit Size: 0.1 ml

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

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NBP2-34491

CD11c Antibody (CL1831) - BSA Free

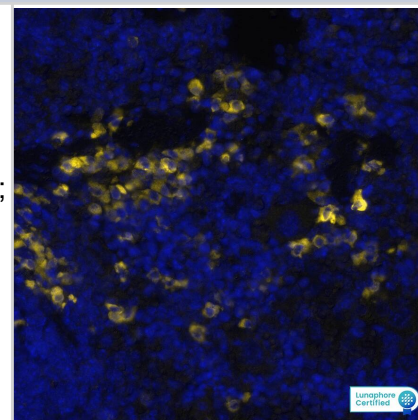
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | CL1831 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

| Product Description | |
|---------------------|---|
| Host | Mouse |
| Gene ID | 3687 |
| Gene Symbol | ITGAX |
| Species | Human, Mouse |
| Reactivity Notes | Mouse reactivity reported from a verified customer review. |
| Marker | Dendritic Cell Marker |
| Immunogen | This antibody was developed using a recombinant protein derived from P20702, with the exact immunogen sequence remaining proprietary. |

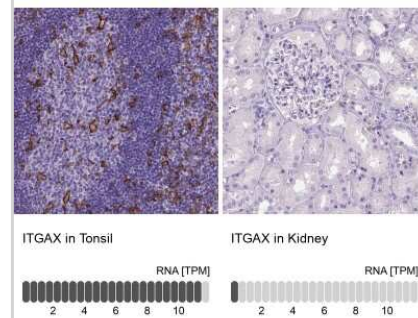
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, COMET |
| Recommended Dilutions | Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, COMET |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. |

Images

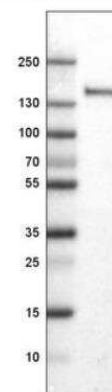
CD11c was detected in immersion fixed paraffin-embedded sections of mouse Spleen using Mouse anti-CD11c, Monoclonal Antibody (Catalog #NBP2-34491) at 1:200 dilution at 37 ° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval preprocessing using PreTreatment Module (PT Module) and Dewax and HIER Buffer H (pH 9; Eprelia Catalog # TA-999-DHBH). Tissue was stained using the Alexa Fluor™ 647 Goat anti-Mouse IgG Secondary Antibody at 1:200 at 37 ° Celsius for 2 minutes. (Yellow; Lunaphore Catalog # [DR647MS](#)) and counterstained with DAPI (blue; Lunaphore Catalog # [DR100](#)). Specific staining was localized to the cytoplasm. Protocol available in [COMET™ Panel Builder](#).



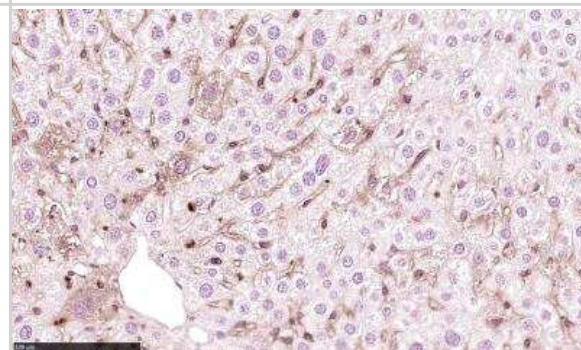
Immunohistochemistry-Paraffin: CD11c Antibody (CL1831) [NBP2-34491] - Staining in human tonsil and kidney tissues. Corresponding ITGAX RNA-seq data are presented for the same tissues.



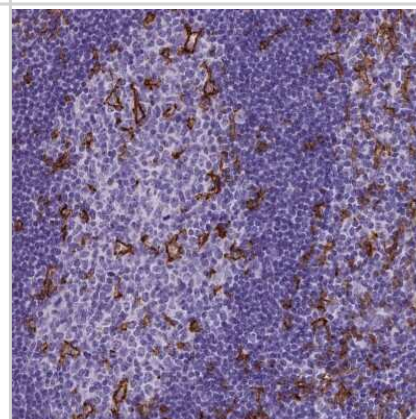
Western Blot: CD11c Antibody (CL1831) [NBP2-34491] - Lane 1: Marker [kDa]. Lane 2: Human tonsil.



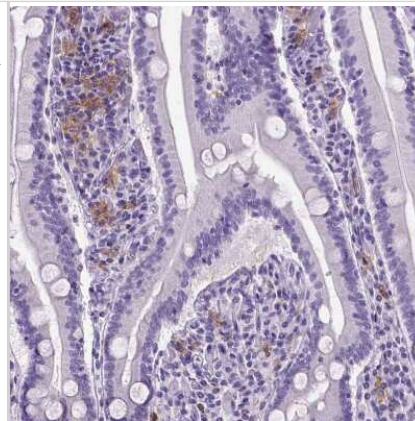
Immunohistochemistry-Paraffin: CD11c Antibody (CL1831) [NBP2-34491] - CD11c Positive cells in mouse liver tissue. Primary antibody dilution: 1:100. Citrate buffer antigen retrieval. Overnight incubation RT. Image from verified customer review.



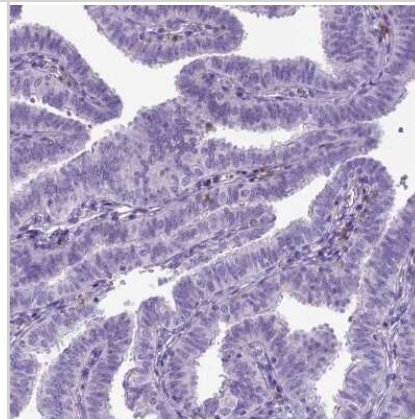
Immunohistochemistry-Paraffin: CD11c Antibody (CL1831) [NBP2-34491] - Staining of human tonsil shows strong membranous positivity in a subset of germinal and non-germinal center cells.



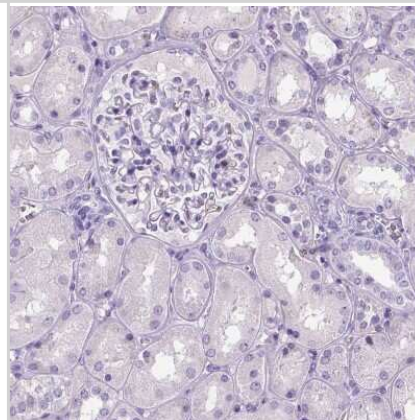
Immunohistochemistry-Paraffin: CD11c Antibody (CL1831) [NBP2-34491] - Staining of human small intestine shows moderate positivity in a subset of lymphoid cells.



Immunohistochemistry-Paraffin: CD11c Antibody (CL1831) [NBP2-34491] - Staining of human fallopian tube shows moderate membranous positivity in a subset of lymphoid cells.



Immunohistochemistry-Paraffin: CD11c Antibody (CL1831) [NBP2-34491] - Staining of human kidney shows no positivity as expected.





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Products Related to NBP2-34491

| | |
|------------------|--|
| NBP2-34491PEP | CD11c Recombinant Protein Antigen |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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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