

CD1a antibody [MSVA-001M] HistoMAX™

Cat. No. GTx04407

| | |
|--------------|------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Applications | IHC-P |
| Reactivity | Human |

Package
500 µl, 100 µl

PRODUCT

This antibody was validated on 76 different Normal Tissues by IHC-P.

Summary

[Go to Normal Tissue Gallery](#)

[Go to Cancer Tissue Gallery](#)

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| IHC-P | 1:100-1:200 |

Note : Manual staining : Heat-induced antigen retrieval for 5 minutes in an autoclave at 121°C in pH 7.8 Tris-EDTA-based Target Retrieval Solution buffer. Based on the testing result, the pH 9.0 is optimal but pH 7.8 results in only slightly weaker stainings. At pH 6.0, the immunostaining is markedly reduced.

This antibody has been validated by Autostainer including Agilent/Dako - Autostainer Link 48, Bond RX-Lecia, and Roche-Ventana Discovery ULTRA. The detailed steps by Autostainer please refer to the [protocol](#).

Not tested in other applications.

Product Note **Highly recommended for IHC-P in human tissues.**

Properties

| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS, 0.05% BSA (Please contact us for PBS only format) |
| Preservative | 0.05% sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 0.2 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant full-length human CD1a protein |



For full product information, images and publications, please visit our [website](#).

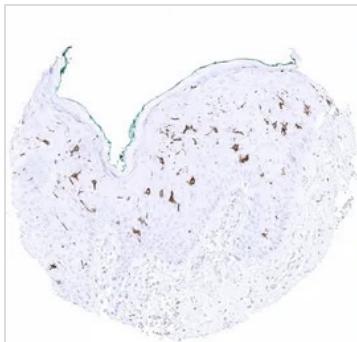
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| | |
|--|----------------------|
| Purification | Protein A/G purified |
| Conjugation | Unconjugated |
| <p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> | |
| <p>Note Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p> | |

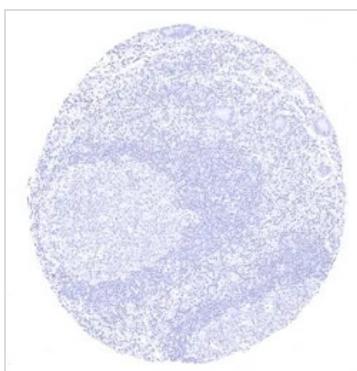
DATA IMAGES

**GTx04407 IHC-P Image**

IHC-P analysis of human thymic cortex tissue using GTx04407 CD1a antibody [MSVA-001M] HistoMAX™. A strong CD1a immunostaining is seen in 80% of small lymphocytes in the thymic cortex.

**GTx04407 IHC-P Image**

IHC-P analysis of human skin tissue using GTx04407 CD1a antibody [MSVA-001M] HistoMAX™. Strong CD1a immunostaining of Langerhans cells in squamous epithelium of the skin.

**GTx04407 IHC-P Image**

IHC-P analysis of human appendix tissue using GTx04407 CD1a antibody [MSVA-001M] HistoMAX™. Lymphatic and epithelial cells of the appendix completely lack CD1a immunostaining.



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