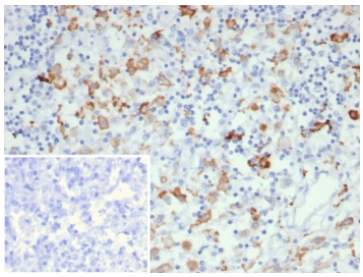
CD163L1 Antibody [clone CD163L1/7971] (V4254)

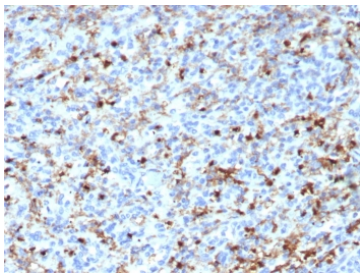
Catalog No.	Formulation	Size
V4254-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4254-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4254SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

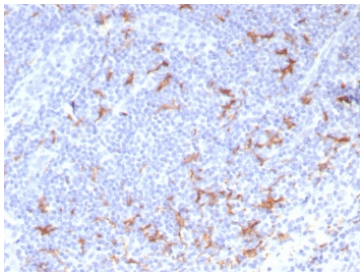
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG
Clone Name	CD163L1/7971
Purity	Protein A/G affinity
UniProt	Q9NR16
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This CD163L1 antibody is available for research use only.



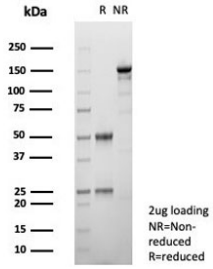
CD163L1 Antibody Human Lymph Node IHC. Immunohistochemistry staining of FFPE human lymph node tissue using CD163L1 antibody demonstrates distinct cytoplasmic and membranous HRP-DAB brown staining in scattered macrophage-like cells distributed throughout the lymphoid tissue. The staining pattern is consistent with expression of CD163 Like 1 / CD163L1, a scavenger receptor family protein associated with monocyte-macrophage lineage populations and innate immune regulation. Clone CD163L1/7971 highlights immune cells involved in tissue surveillance, antigen handling, and maintenance of lymphoid microenvironment homeostasis. Inset: PBS was used in place of the primary antibody as a secondary antibody negative control. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



CD163L1 Antibody Human Spleen IHC. Immunohistochemistry staining of FFPE human spleen tissue using CD163L1 antibody demonstrates widespread cytoplasmic and membranous HRP-DAB brown staining in macrophage-rich immune cell populations throughout the splenic tissue. The staining pattern is consistent with expression of CD163 Like 1 / CD163L1, a scavenger receptor family protein associated with monocyte-macrophage lineage cells and innate immune regulation. Clone CD163L1/7971 highlights tissue-resident myeloid cells involved in immune surveillance, phagocytic activity, and maintenance of splenic immune homeostasis. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



CD163L1 Antibody Human Tonsil IHC. Immunohistochemistry staining of FFPE human tonsil tissue using CD163L1 antibody demonstrates distinct cytoplasmic and membranous HRP-DAB brown staining in scattered macrophage-like cells distributed throughout the lymphoid tissue. The staining pattern is consistent with expression of CD163 Like 1 / CD163L1, a scavenger receptor family protein associated with monocyte-macrophage lineage populations and innate immune regulation. Clone CD163L1/7971 highlights tissue-resident myeloid cells involved in immune surveillance, antigen processing, and maintenance of the tonsillar immune microenvironment. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free CD163L1 antibody (clone CD163L1/7971) as confirmation of integrity and purity.

Description

CD163L1 Antibody specifically detects CD163L1 (CD163 molecule-like 1), also known as scavenger receptor cysteine-rich type 1 protein M160 or CD163B, a 1,453 amino acid protein that belongs to the scavenger receptor cysteine-rich (SRCR) superfamily. Members of the SRCR family contain SRCR domains which are used to influence ligand binding and protein-protein interaction and are found in cells of the immune system where they exist as membrane-anchored or secreted proteins. Containing 12 SRCR domains, CD163L1 undergoes alternative splicing events to produce 3 isoforms. CD163L1 isoforms 1 and 2 are single-pass type I membrane proteins, unlike isoform 3, which is a secreted protein. CD163L1 isoform 1 is abundantly expressed in lymph node, spleen, thymus and fetal liver, and isoform 2 is found exclusively in spleen. The gene encoding CD163L1 maps to human chromosome 12p13.31.

Researchers investigating CD163 Like 1 function, macrophage scavenger receptors, and innate immune cell populations may also wish to explore our CD163L1 Antibody page highlighting the role of this scavenger receptor family protein in monocyte and macrophage biology.

Application Notes

Optimal dilution of the CD163L1 antibody should be determined by the researcher.

Immunogen

A recombinant fragment of human CD163L1 protein was used as the immunogen for the CD163L1 antibody.

Storage

Aliquot the CD163L1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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