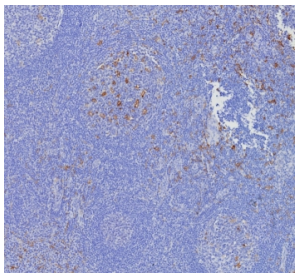
CD163L1 Antibody [clone CD163L1/7972] (V4255)

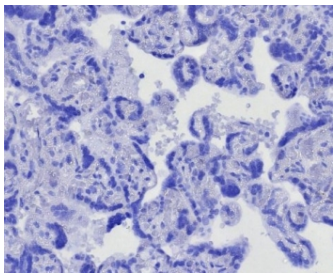
Catalog No.	Formulation	Size
V4255-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4255-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4255SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

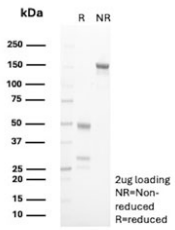
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG
Clone Name	CD163L1/7972
Purity	Protein A/G affinity
UniProt	Q9NR16
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This CD163L1 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with CD163L1 antibody (clone CD163L1/7972). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC testing of FFPE human placental tissue with CD163L1 antibody (clone CD163L1/7972) at 2ug/ml. 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 CD163L1/7972) as confirmation of integrity and purity.

Description

CD163L1 (CD163 molecule-like 1), also known as scavenger receptor cysteinerich type 1 protein M160 or CD163B, is 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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