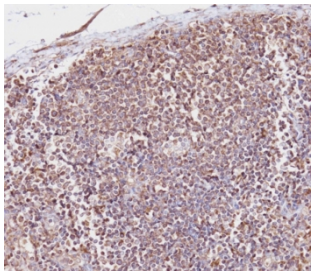
CD163L1 Antibody (F43408)

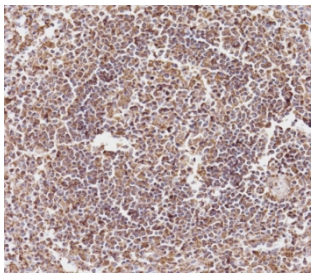
Catalog No.	Formulation	Size
F43408-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F43408-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

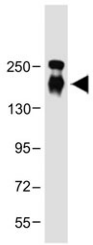
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9NR16
Applications	Western blot: 1:1000 Immunohistochemistry (FFPE): 1:100
Limitations	This CD163L1 antibody is available for research use only.



CD163L1 Antibody Human Lymph Node IHC. Immunohistochemistry staining of FFPE human lymph node tissue using CD163L1 antibody demonstrates widespread cytoplasmic and membranous HRP-DAB brown staining within lymphoid cell populations and scattered macrophage-like cells throughout the nodal architecture. 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. Positive staining is observed within densely cellular lymphoid regions, supporting the utility of CD163L1 as a marker for studies of immune cell heterogeneity, tissue-resident myeloid populations, and lymphoid tissue immune surveillance. 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 throughout densely packed immune cell populations within the splenic white pulp. 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. Robust staining within lymphoid-rich regions supports the utility of CD163L1 as a marker for studies of immune cell specialization, macrophage-associated biology, 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 U-2 OS WB. Western blot analysis of human U-2 OS cell lysate using CD163L1 antibody detects a prominent band at approximately 160-180 kDa, consistent with CD163 Like 1 / CD163L1. The observed molecular weight is higher than the calculated molecular weight predicted from the amino acid sequence, which is expected for heavily glycosylated scavenger receptor family proteins. CD163L1 is a transmembrane scavenger receptor cysteine-rich family member associated with monocyte-macrophage biology, innate immune regulation, and receptor-mediated cellular interactions. The detected signal supports expression of CD163L1 in U-2 OS cells and is consistent with the migration characteristics reported for glycosylated cell-surface receptors.

Description

CD163L1 Antibody specifically detects Scavenger receptor cysteine-rich type 1 protein M160, a protein encoded by the CD163L1 gene. This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. The SRCR family is defined by a 100-110 amino acid SRCR domain, which may mediate protein-protein interaction and ligand binding. The encoded protein contains twelve SRCR domains, a transmembrane region and a cytoplasmic domain. Alternatively spliced transcript variants encoding different isoforms have been described but their full-length nature has not been determined.

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

Titration of the CD163L1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1401-1430 from the human protein was used as the immunogen for this CD163L1 antibody.

Storage

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

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