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CD163L1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13979b

Specification

CD163L1 Antibody (C-term) - Product Information

Application	**IHC-P, WB,E**
Primary Accession	Q9NR16
Other Accession	NP_777601.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**1401-1430**

CD163L1 Antibody (C-term) - Additional Information

Gene ID 283316

Other Names
Scavenger receptor cysteine-rich type 1 protein M160, CD163 antigen-like 1, CD163b, CD163L1, CD163B, M160

Target/Specificity
This CD163L1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1401-1430 amino acids from the C-terminal region of human CD163L1.

Dilution
IHC-P~~1:100
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
CD163L1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CD163L1 Antibody (C-term) - Protein Information

Name CD163L1

Synonyms CD163B, M160

Cellular Location
[Isoform 1]: Cell membrane; Single- pass type I membrane protein [Isoform 3]: Secreted.

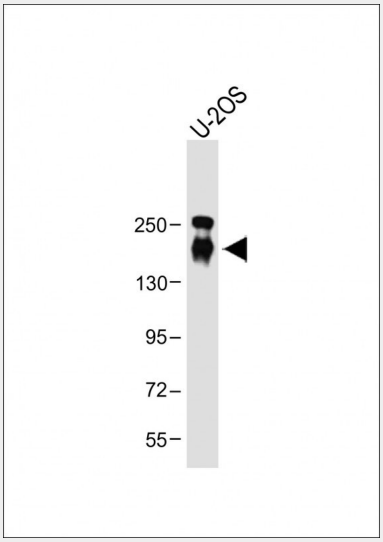
Tissue Location
Isoform 1 is highly expressed in the spleen, lymph nodes, thymus, and fetal liver and weakly expressed in bone marrow and no expression was found in peripheral blood leukocytes. Isoform 1 expression is restricted to the monocyte and macrophage cell lines Isoform 2 is only expressed in spleen.

CD163L1 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD163L1 Antibody (C-term) - Images



Anti-CD163L1 Antibody (C-term) at 1:1000 dilution + U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 159 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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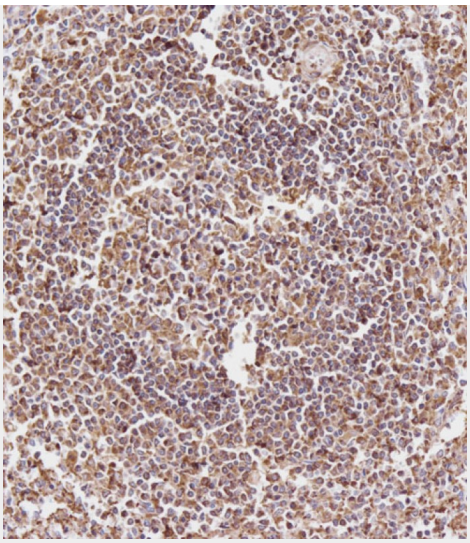
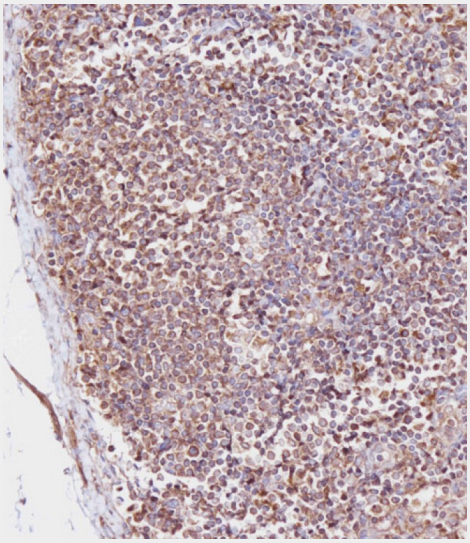


Immunohistochemical analysis of AP13979b on paraffin-embedded Human spleen tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.



Immunohistochemical analysis of AP13979b on paraffin-embedded Human lymph node tissue. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 1 hour at room temperature. Undiluted CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

CD163L1 Antibody (C-term) - Background

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.

CD163L1 Antibody (C-term) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Van Gorp, H., et al. J. Virol. 84(6):3101-3105(2010)
Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)