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CD163L1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13979b

Product Information

Application	IHC-P, WB, E
Primary Accession	Q9NR16
Other Accession	NP_777601.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB33379
Calculated MW	159239
Antigen Region	1401-1430

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.

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.

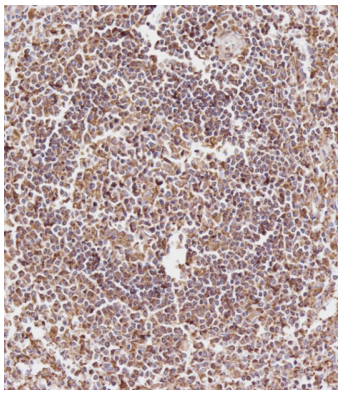
Background

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.

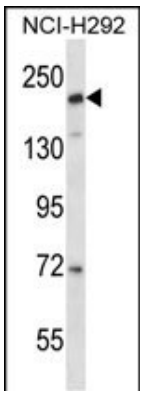
References

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)

Images



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.



CD163L1 Antibody (C-term) (Cat. #AP13979b) western blot analysis in NCI-H292 cell line lysates (35ug/lane).This demonstrates the CD163L1 antibody detected the CD163L1 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.