

Product datasheet for **TA327621**

CD163 Mouse Monoclonal Antibody [Clone ID: MRQ-26]

Product data:

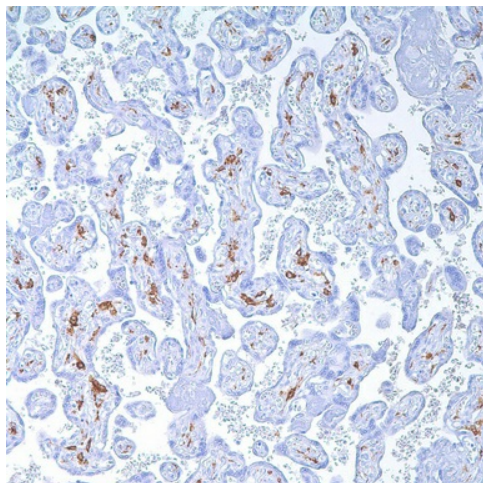
Product Type:	Primary Antibodies
Clone Name:	MRQ-26
Applications:	IHC
Recommended Dilution:	IHC: 1:10 - 1:50
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Formulation:	This antibody is supplied as cell culture supernatant diluted in tris buffered saline, pH 7.3-7.7, with 1% BSA and <0.1% sodium azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	CD163 molecule
Database Link:	NP_004235 Entrez Gene 9332 Human Q86VB7
Synonyms:	M130; MM130; SCAR1
Note:	CD163 has been identified as an acute phase-regulated transmembrane protein whose function is to mediate the endocytosis of haptoglobin-hemoglobin complexes. This receptor is expressed on the surface of monocytes with low expression and on tissue macrophages, histiocytes with high expression. Staining with anti-CD163 has been helpful to distinguish synovial macrophages from synovial intimal fibroblasts in the setting of rheumatoid arthritis, where its specificity for macrophages was found to be superior to that of anti-CD68. Increased levels of CD163 were also detected in patients with microbial infections and myelomonocytic leukemias by an enzyme-linked immunosorbent assay. Flow cytometry studies have confirmed that CD163 expression is limited to leukemias with monocytic differentiation. Anti-CD163 can be used to identify and enumerate myelomonocytic blasts and monocytic blasts in bone marrow biopsy for diagnosis of acute myeloid leukemia.



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Protein Families: Druggable Genome, Secreted Protein, Transmembrane

Product images:



Immunohistochemistry staining of Paraffin Inflamed tissue tissue by CD163 antibody (dilution: 1:10 - 1:50; visualization of staining: Cytoplasmic, membranous)