

## Product datasheet for **TA355264**

### CD163 Mouse Monoclonal Antibody [Clone ID: 10D6]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	10D6
Applications:	IHC
Recommended Dilution:	1:200
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Prokaryotic recombinant protein corresponding to domains 1 to 4 of the N-terminal region of the CD163 molecule.
Specificity:	Human CD163 antigen
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	CD163 molecule
Database Link:	<a href="#">Entrez Gene 9332 Human Q86VB7</a>



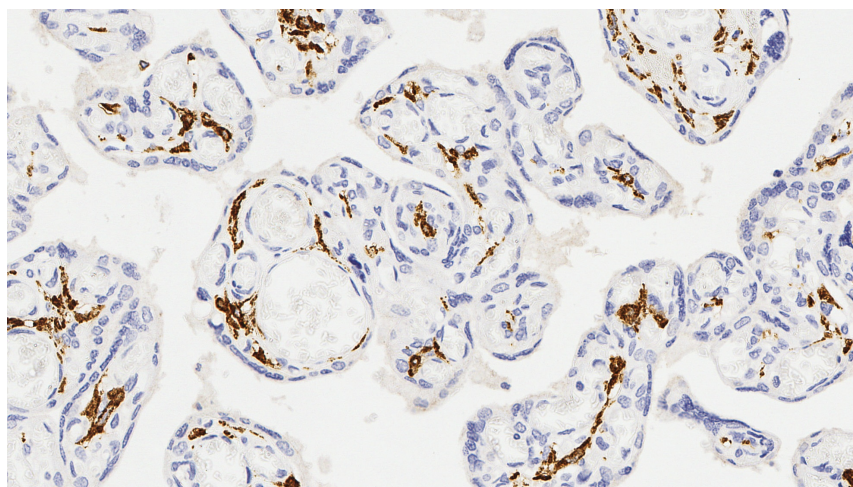
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**Background:**

The CD163 molecule is a type I membrane protein also known as M130 antigen, Ber-Mac3, Ki-M8 or SM4. CD163 protein is restricted in its expression to the monocytic/macrophage lineage. It is reported to be present on all circulating monocytes and most tissue macrophages except those found in the mantle zone and germinal centers of lymphoid follicles, interdigitating reticulum cells and Langerhans cells. In addition, multi-nucleated cells within inflammatory lesions are reported not to express CD163 protein. The protein is upregulated by glucocorticoids and downregulated by the immunosuppressant cyclosporin A and by phorbol esters, while lipopolysaccharide, an inflammatory mediator, has no influence on expression. It has been proposed that a specific release mechanism of soluble CD163 antigen by human monocytes may play an important role in modulating inflammatory processes.

**Synonyms:**

M130; MM130

**Product images:**

Human placenta: immunohistochemical staining for CD163. Note cytoplasmic staining of Hofbauer cells. CD163: clone 10D6