

Mouse anti-CD163, Clone MRQ-26

Clone no. MRQ-26

MONOSAN Ready To Use

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Product name	Mouse anti-CD163, Clone MRQ-26
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1
Clonality	Monoclonal
Clone number	MRQ-26
Size	7 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

CD163, also known as scavenger receptor cysteine-rich type 1 protein M130, is an acute phase-regulated and signal-inducing transmembrane protein, found exclusively on cells of monocytic origin. CD163 plays a critical role in macrophage clearance and endocytosis of hemoglobin/haptoglobin complexes. Therefore, CD163 contributes to the anti-inflammatory response and protects tissues from oxidative and inflammatory hemoglobin. Anti-CD163 labels cells of monocytic-macrophage lineage, with expression in bone marrow<sup>3</sup> and histiocytic neoplasms. Solubilized in plasma, CD163 functions as an anti-inflammatory signal and has many roles in disease processes that range from autoimmune conditions such as rheumatoid arthritis to atherosclerosis.

**References**

1. Buechler C, et al. J Leukoc Biol. 67:97-103 (2000)
2. Kristiansen M, et al. Nature. 409:198-201 (2001)
3. Etzerodt A. et al. Antioxid Redox Signal. 18: 2352-63 (2013)
4. Backe E, et al. J Clin Pathol. 44:936-45 (1991)
5. -

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