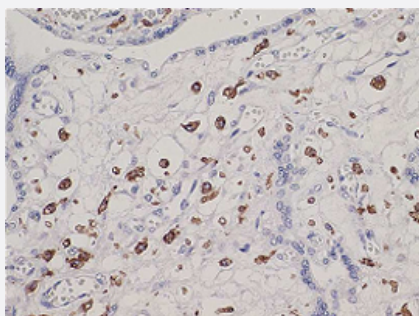


CD163 monoclonal antibody, clone K20-T

Catalog # MAB1652 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human placenta (4 um) stained with CD163 monoclonal antibody, clone K20-T (Cat # MAB1652) shows strong positive cytoplasmic immunostaining of monocytes and macrophages. Kindly performed and provided by Katarina Poliakova, MD and Lubomir Straka, MD, Ph. D., from Clinical Pathology Presov, Ltd., Presov, Slovakia.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of CD163.
Immunogen	A synthetic peptide corresponding to N-terminus of human CD163.
Host	Rabbit
Reactivity	Human
Form	Liquid
Isotype	IgG
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl, pH 8.0 (20 mg/mL BSA, 0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human placenta (4 um) stained with CD163 monoclonal antibody, clone K20-T (Cat # MAB1652) shows strong positive cytoplasmic immunostaining of monocytes and macrophages. Kindly performed and provided by Katarina Poliakova, MD and Lubomir Straka, MD, Ph. D., from Clinical Pathology Presov, Ltd., Presov, Slovakia.

Gene Info — CD163

Entrez GeneID [9332](#)

Gene Name CD163

Gene Alias M130, MM130

Gene Description CD163 molecule

Omim ID [605545](#)

Gene Ontology [Hyperlink](#)

Other Designations CD163 antigen|macrophage-associated antigen

Publication Reference

- [Galectin 3 expression in regional lymph nodes and lymph node metastases of oral squamous cell carcinomas.](#)

Wehrhan F, Büttner-Herold M, Distel L, Ries J, Moebius P, Preidl R, Geppert CI, Neukam FW, Kesting M, Weber M.
BMC Cancer 2018 Aug; 18(1):823.

Application: IHC, Human, Oral squamous cell carcinomas

- [Protective effect of curcumin on TNBS-induced intestinal inflammation is mediated through the JAK/STAT pathway.](#)

Zhang X, Wu J, Ye B, Wang Q, Xie X, Shen H.

BMC Complementary and Alternative Medicine 2016 Aug; 16(1):299.

Application: IHC-P, Rat, Colon

- [Macrophage polarisation changes within the time between diagnostic biopsy and tumour resection in oral squamous cell carcinomas-an immunohistochemical study.](#)

Weber M, Moebius P, Büttner-Herold M, Amann K, Preidl R, Neukam FW, Wehrhan F.

British Journal of Cancer 2015 Jul; 113(3):510.

Application: IHC-P, Human, OSCC tumor

- [Increased malignancy of oral squamous cell carcinomas \(oscc\) is associated with macrophage polarization in regional lymph nodes - an immunohistochemical study.](#)

Wehrhan F, Büttner-Herold M, Hyckel P, Moebius P, Preidl R, Distel L, Ries J, Amann K, Schmitt C, Neukam FW, Weber M.

BMC Cancer 2014 Jul; 14:522.

Application: IHC-P, Human, Oral squamous cell carcinoma

- [Decreased tumour necrosis factor- \$\alpha\$ production by monocytes of granulomatosis with polyangiitis.](#)

Park J, Lee E, Song Y.

Scandinavian Journal of Rheumatology 2014 Jun; 43(5):403.

Application: IF, IHC-P, Flow Cyt, Human, Lung, Monocytes

- [Small oral squamous cell carcinomas with nodal lymphogenic metastasis show increased infiltration of M2 polarized macrophages - an immunohistochemical analysis.](#)

Weber M, Büttner-Herold M, Hyckel P, Moebius P, Distel L, Ries J, Amann K, Neukam FW, Wehrhan F.

Journal of Cranio-Maxillo-Facial Surgery 2014 Oct; 42(7):1087.

Application: IHC-P, Human, Oral squamous cell carcinoma

- [Modulation of transforming growth factor- \$\beta\$ signaling and extracellular matrix production in myxomatous mitral valves by angiotensin II receptor blockers.](#)

Geirsson A, Singh M, Ali R, Abbas H, Li W, Sanchez JA, Hashim S, Tellides G.

Circulation 2012 Sep; 126(11 Suppl 1):S189.

Application: Flow Cyt, Human, Cells were isolated by digesting mitral valve tissue

- [Tumor-associated microglia/macrophages enhance the invasion of glioma stem-like cells via TGF- \$\beta\$ 1 signaling pathway.](#)

Ye XZ, Xu SL, Xin YH, Yu SC, Ping YF, Chen L, Xiao HL, Wang B, Yi L, Wang QL, Jiang XF, Yang L, Zhang P, Qian C, Cui YH, Zhang X, Bian XW.

Journal of Immunology 2012 Jul; 189(1):444.

Application: IF, IHC-P, Human, Human glioma specimens

Disease

- [Kidney Failure](#)

- [Tobacco Use Disorder](#)