

Mouse anti-Human CD164 Monoclonal Antibody | anti-CD164 antibody

Anti-CD164 Antibody, Mouse Monoclonal

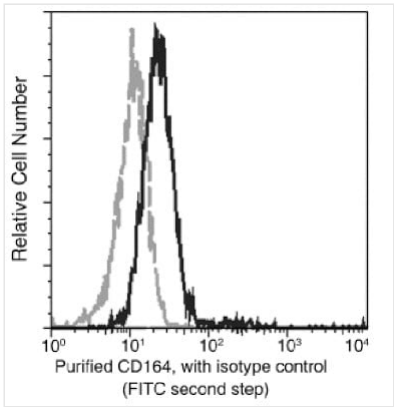
CATALOG # AAA255552	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

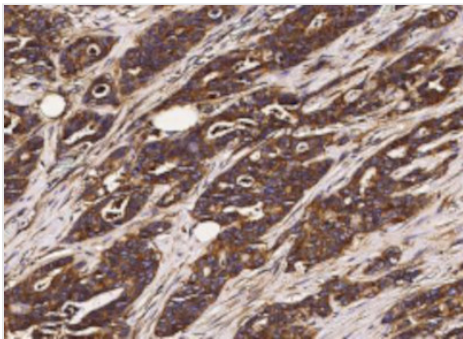
CD164; Monoclonal Antibody; Anti-CD164 Antibody; Mouse Monoclonal; CD164 Antibody; Mouse MAb; CD164 molecule; sialomucin; Anti-endolyn Antibody; Anti-MGC-24 Antibody; Anti-MUC-24 Antibody; anti-CD164 antibody

PRODUCT SPECIFICATIONS

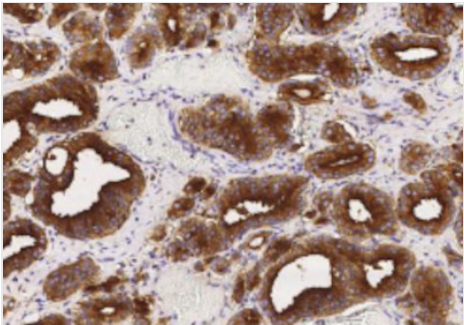
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	05
Specificity	Human CD164
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD164 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human CD164 Protein
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD164 (rh CD164). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Human CD164 expression on human whole blood monocytes. Cells were stained with purified anti-Human CD164, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable monocytes. Flow cytometry was performed on a BD FC Calibur flow cytometry system.



IHC (Immunohistochemistry)
Immunochemical staining of human CD164 in human pancreatic carcinoma with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections)



IHC (Immunohistochemistry)
Immunochemical staining of human CD164 in human prostatic carcinoma with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

References	McGuckin CP, et al. (2003) Colocalization analysis of sialomucins CD34 and CD164. Stem Cells. 21(2): 162-70. Doyonnas R, et al. (2000) CD164 monoclonal antibodies that block hemopoietic progenitor cell adhesion and proliferation interact with the first mucin domain of the CD164 receptor. J Immunol. 165(2): 840-51. Zannettino AC, et al. (1998) The sialomucin CD164 (MGC-24v) is an adhesive glycoprotein expressed by human hematopoietic progenitors and bone marrow stromal cells that serves as a potent negative regulator of hematopoiesis. Blood. 92(8): 2613-28.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	257051036
NCBI GeneID	8763
UniProt Accession #	Q04900; O95413; Q5JSU6; Q9BPV0; Q9NR26; B4DQ85; E1P5E7; E1P5E8; E1P5E9
NCBI Official Full Name	Sialomucin core protein 24
NCBI Official Synonym Full Names	CD164 molecule
NCBI Official Symbol	CD164
NCBI Official Synonym Symbols	DFNA66; MGC-24; MUC-24; MGC-24v; endolyn
NCBI Protein Information	sialomucin core protein 24

UniProt Protein Name	Sialomucin core protein 24
UniProt Gene Name	CD164
UniProt Synonym Gene Names	MUC-24; MGC-24; MGC-24v

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd164-antibody-clone-05-flow-cytometry-immunohistochemistry-elisa/255552>