

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

Anti-Hu CD164 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128378	Mouse	Human	Immunocytochemistry, Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD164; Monoclonal Antibody; Anti-Hu CD164 Purified; CD164 molecule; DFNA66; MUC-24; MGC-24; endolyn; anti-CD164 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	67D2
Specificity	The mouse monoclonal antibody 67D2 recognizes an extracellular class III epitope (not sensitive to sialidase, N-glycanase, O-glycosidase, and O-sialoglycoprotease) of CD164, a sialomucin expressed in hematopoietic myeloid and erythroid progenitors, activated basophils, and in various carcinomas and leukemic cells.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	197
Applicable Applications for anti-CD164 antibody	ICC (Immunocytochemistry), WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	Breast tumor cell line T-47D
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD164 antibody	CD164, also known as endolyn, is a type I transmembrane protein with heavily glycosylated extracellular part containing sialic acid and glycosaminoglycan residues. CD164 plays both adhesive and antiadhesive role and serves as a potent negative regulator for CD34+ CD38- hematopoietic progenitor cell proliferation. It has also been reported to be involved in myogenic differentiation and cancer metastasis. The adhesive and negative regulatory functions seem to depend on different posttranslational modifications of CD164 protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	257051036
NCBI GeneID	8763
UniProt Accession #	Q04900
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-67d2-immunocytochemistry-western-blot-immunoprecipitation-flow-cytometry-elisa/128378>