

Rabbit anti-Mouse CD164 Polyclonal Antibody | anti-CD164 antibody

Anti-CD164 Antibody, Rabbit Polyclonal

CATALOG # AAA255241	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry
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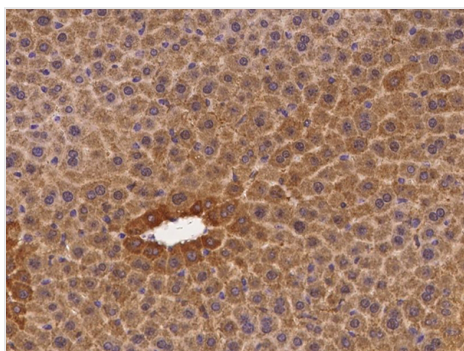
PRODUCT SYNONYMS

CD164; Polyclonal Antibody; Anti-CD164 Antibody; Rabbit Polyclonal; CD164 Antibody; Rabbit PAb; Antigen Affinity Purified; CD164 molecule; sialomucin; Anti-A115 Antibody; Anti-A24 Antibody; Anti-AA589639 Antibody; Anti-AW540279 Antibody; Anti-MGC-24 Antibody; Anti-MSSP Antibody; anti-CD164 antibody

PRODUCT SPECIFICATIONS

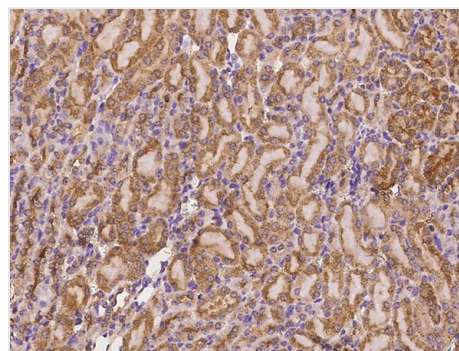
Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse CD164
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CD164 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse CD164
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse CD164, and purified by antigen 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.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of mouse Cd164 in mouse liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of mouse Cd164 in mouse kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-CD164 antibody	Sialomucin core protein 24 also known as endolyn or CD164 (cluster of differentiation 164) is a novel 80-to 90-kD mucin-like molecule expressed by human CD34+ hematopoietic progenitor cells. Isoform 1 and isoform 3 of CD164 are expressed in hematopoietic and non-hematopoietic tissues. Isoform 1 is expressed by prostate cancer tumors and prostate cancer cell lines. The expression is greater in bone metastases than in primary tumors. Expression in osseous metastasis is greater than that in soft tissue metastasis. Isoform 2 of CD164 is expressed in the small intestine, colon, lung, thyroid and colorectal and pancreatic adenocarcinoma. Isoform 4 is expressed by both hematopoietic progenitor cells and bone marrow stromal cells. CD164 belongs to the CD164 family. The cluster of differentiation (cluster of designation) (often abbreviated as CD) is a protocol used for the identification and investigation of cell surface molecules present on white blood cells initially but found in almost any kind of cell of the body, providing targets for immunophenotyping of cells. CD164 may play an important role in prostate cancer metastasis and the infiltration of bone marrow by cancer cells. CD164 promotes myogenesis by enhancing CXCR4-dependent cell motility. This protein positively regulates myoblast migration and promotes myoblast fusion into myotubes. CD164 may play a key role in hematopoiesis by facilitating the adhesion of CD34+ cells to bone marrow stroma and by negatively regulating CD34+hematopoietic progenitor cell growth.
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.

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://www.aaabiotech.com/polyclonal/cd164-antibody-immunohistochemistry-elisa/255241>