

Mouse anti-Human CD161 Monoclonal Antibody | anti-CD161 antibody

CD161 Monoclonal Antibody

CATALOG # AAA78232	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CD161; Monoclonal Antibody; CD161 Monoclonal Antibody; anti-CD161 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, Kappa
Clone Number	ABM2D74
Purity/Purification	Protein G chromatography
Form/Format	Purified (Liquid)
Applicable Applications for anti-CD161 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A full length of human CD161 protein were used as the immunogen for this antibody.
Content	25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% and 0.05% sodium azide. Sodium azide is highly toxic.
Preparation and Storage	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze thaw cycles.

IMAGES



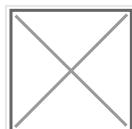
FCM/FACS (Flow Cytometry)

Cell Surface flow analysis of hCD161 in PBMC (Lymphocytes) using 0.2ug/10⁶ cells of CD161 clone (ABM2D74). Green represents isotype control; red represents anti-hCD161 antibody. Goat anti-mouse PE conjugated secondary antibody was used.



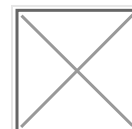
IHC (Immunohistochemistry)

Immunohistochemical analysis of CD161 in Transitional cell carcinoma of urinary bladder using CD161 antibody (Clone: ABM2D74) at 5 ug/ml.



IHC (Immunohistochemistry)

Immunohistochemical analysis of CD161 in small cell carcinoma of esophagus using CD161 antibody (Clone: ABM2D74) at 5 ug/ml.



WB (Western Blot)

Expression analysis of CD161. Anti-CD161 antibody (Clone: ABM2D74) was tested at 2 ug/ml on Jurkat lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-CD161 antibody	CD161 is the human equivalent of mouse NK cell receptor P1A. It is a type II transmembrane glycoprotein with characteristics of the C-type lectin super family. The expression confines to lymphocytes found in human gut and liver, as well as blood, especially NK (natural killer) cells, Th17 (T helper 17) cells, and a population of unconventional T cells known as MAIT (mucosal-associated invariant T) cells. CD161 promotes T cell expansion and eventually has been identified as a marker of human IL-17-producing T cells. It plays a pivotal role in trans-endothelial migration and is also implicated in the pathogenesis of RA (rheumatoid arthritis) as well as graft-versus-host disease (GVHD).
Product Categories/Family for anti-CD161 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504879
NCBI GeneID	3820
NCBI Accession #	NP_002249.1
NCBI GenBank Nucleotide #	NM_002258.2
UniProt Accession #	Q12918; Q24K24
NCBI Official Full Name	killer cell lectin-like receptor subfamily B member 1
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily B, member 1
NCBI Official Symbol	KLRB1
NCBI Official Synonym Symbols	NKR; CD161; CLEC5B; NKR-P1; NKRP1A; NKR-P1A; hNKR-P1A
NCBI Protein Information	killer cell lectin-like receptor subfamily B member 1
UniProt Protein Name	Killer cell lectin-like receptor subfamily B member 1
UniProt Gene Name	KLRB1
UniProt Synonym Gene Names	CLEC5B; NKRP1A; NKR-P1A
UniProt Entry Name	KLRB1_HUMAN

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/cd161-antibody-clone-abm2d74-flow-cytometry-immunohistochemistry-western-blot-elisa/78232>