Rabbit anti-Human, Mouse RP105 Polyclonal Antibody | anti-CD180 antibody

RP105 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40178	**Rabbit**	**Human, Mouse**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

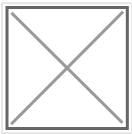
RP105; Polyclonal Antibody; RP105 Antibody; LY64; Ly78; CD180 antigen; Lymphocyte antigen 64; CD180 molecule; anti-CD180 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	RP105 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	661
Applicable Applications for anti-CD180 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	RP105 antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human RP105.
Buffer	RP105 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	RP105 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES

IHC (Immunohiostchemistry)
Immunohistochemistry of RP105 in human spleen tissue withRP105 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of RP105 in human spleen tissue lysate with RP105 antibody at (A) 0.5 and (B) 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CD180 antibody	RP105 Antibody: Toll-like receptors (TLRs) are evolutionarily conserved pattern-recognition molecules resembling the toll proteins that mediate antimicrobial responses in Drosophila. These proteins recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. The signaling of these TLRs is kept under tight control by the expression of endogenous inhibiting proteins. One such protein is RP105, a recently identified homolog to TLR4 that, with MD-1, interacts with and inhibits the TLR4/MD-2 signaling pathway. It has also been suggested that the RP105/MD-1 complex influences antibody production mediated by both TLR4/MD-2 and TLR2 receptor complexes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1843411
NCBI GeneID	4064
UniProt Accession #	Q99467; Q32MM5; B2R7Z7
Molecular Weight	74,179 Da
NCBI Official Full Name	RP105
NCBI Official Synonym Full Names	CD180 molecule
NCBI Official Symbol	CD180
NCBI Official Synonym Symbols	LY64; Ly78; RP105
NCBI Protein Information	CD180 antigen; lymphocyte antigen 64; radioprotective 105 kDa protein; lymphocyte antigen-64, radioprotective, 105kDa
UniProt Protein Name	CD180 antigen
UniProt Gene Name	**CD180**
UniProt Synonym Gene Names	LY64; RP105
UniProt Entry Name	CD180_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/rp105-antibody-immunohistochemistry-western-blot-elisa/40178