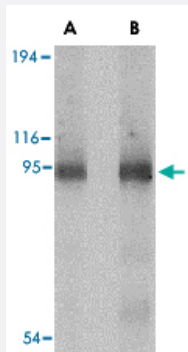


CD180 polyclonal antibody

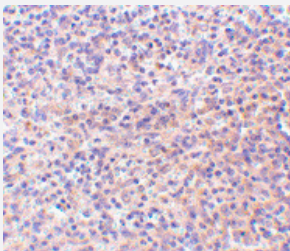
Catalog # PAB13431 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of CD180 in human spleen tissue lysate with CD180 polyclonal antibody (Cat # PAB13431) at (A) 0.5 and (B) 1 ug/mL .



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of CD180 in human spleen tissue with RP105 antibody CD180 polyclonal antibody (Cat # PAB13431)

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of CD180.
Immunogen	A synthetic peptide corresponding to C-terminus 14 amino acids of human CD180.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western blot analysis of CD180 in human spleen tissue lysate with CD180 polyclonal antibody (Cat # PAB13431) at (A) 0.5 and (B) 1 ug/mL .

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of CD180 in human spleen tissue with RP105 antibody CD180 polyclonal antibody (Cat # PAB13431)

Gene Info — CD180

Entrez GeneID	4064
Protein Accession#	BAA12019
Gene Name	CD180
Gene Alias	LY64, Ly78, MGC126233, MGC126234, RP105
Gene Description	CD180 molecule
Omim ID	602226
Gene Ontology	Hyperlink
Gene Summary	CD180 is a cell surface molecule consisting of extracellular leucine-rich repeats (LRR) and a short cytoplasmic tail. The extracellular LRR is associated with a molecule called MD-1 and form the cell surface receptor complex, RP105/MD-1. It belongs to the family of pathogen receptors, Toll-like receptors (TLR). RP105/MD1, by working in concert with TLR4, controls B cell recognition and signaling of lipopolysaccharide (LPS), a membrane constituent of Gram-negative bacteria. [provided by RefSeq]
Other Designations	CD180 antigen lymphocyte antigen-64, radioprotective, 105kDa

Publication Reference

- [The radioprotective 105/MD-1 complex links TLR2 and TLR4/MD-2 in antibody response to microbial membranes.](#)

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Journal of Immunology 2005 Jun; 174(11):7043.

- [Inhibition of TLR-4/MD-2 signaling by RP105/MD-1.](#)

Divanovic S, Trompette A, Atabani SF, Madan R, Golenbock DT, Visintin A, Finberg RW, Tarakhovsky A, Vogel SN, Belkaid Y, Kurt-Jones EA, Karp CL.

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- [Innate immune recognition.](#)

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