

Rabbit anti-Mouse CD281 Polyclonal Antibody | anti-CD281 antibody

RABBIT ANTI HUMAN CD281 (N-TERMINAL)

CATALOG # AAA49929	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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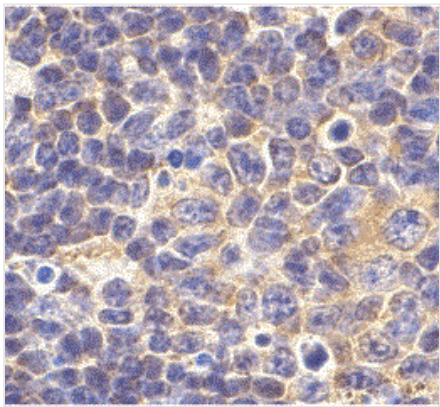
PRODUCT SYNONYMS

CD281; Polyclonal Antibody; RABBIT ANTI HUMAN CD281 (N-TERMINAL); anti-CD281 antibody

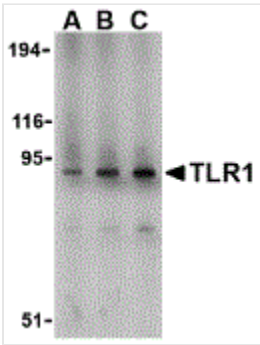
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	786
Applicable Applications for anti-CD281 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Histology Positive Control Tissue	Mouse spleen. Buffer Solution
Antiserum Preparation	Antisera to CD281 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunohistochemical staining of mouse spleen with Rabbit anti Human CD281(AAA49929)



Application Data
Western blot analysis of mouse spleen lysate probed with Rabbit anti Human CD281 (AAA49929) at 1(A), 2(B) and 4(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CD281 antibody	Rabbit anti Human CD281 antibody detects an epitope within the N-terminal (NT) region of CD281, also known as toll like receptor 1 (TLR1). TLRs recognize pathogen associated molecular patterns (PAMPs) that are expressed on infectious agents, and serve as an important link between the innate and adaptive immune response through the production of cytokines. TLR1 is co-expressed with TLR2 on monocytes and dendritic cells where they form heterodimers that can recognize peptidoglycan and bacterial lipopeptides, and in particular triacylated lipoproteins. TLR1 can also regulate other TLR responses; TLR1 can associate with TLR4 and inhibit its signalling in endothelial cells, and can associate with TLR2 to inhibit the TLR2/TLR6 mediated response to phenol-soluble modulin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41350337
NCBI GeneID	7096
NCBI Accession #	NP_003254.2
NCBI GenBank Nucleotide #	NM_003263.3
UniProt Accession #	Q15399; O15452; Q32MK3; Q32MK4; Q9UG90; D1CS39; D1CS41
Molecular Weight	90,291 Da
NCBI Official Full Name	toll-like receptor 1
NCBI Official Synonym Full Names	toll-like receptor 1
NCBI Official Symbol	TLR1
NCBI Official Synonym Symbols	TIL; CD281; rsc786; TIL. LPRS5
NCBI Protein Information	toll-like receptor 1; toll/interleukin-1 receptor-like protein
UniProt Protein Name	Toll-like receptor 1
UniProt Gene Name	TLR1
UniProt Synonym Gene Names	KIAA0012; TIL
UniProt Entry Name	TLR1_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.