

Rabbit anti-Mouse CD282 Polyclonal Antibody | anti-CD282 antibody

RABBIT ANTI HUMAN CD282 (N-TERMINAL)

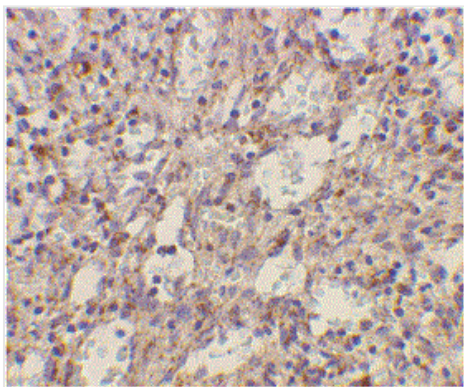
CATALOG # AAA50038	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

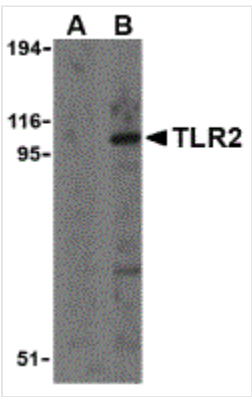
CD282; Polyclonal Antibody; RABBIT ANTI HUMAN CD282 (N-TERMINAL); anti-CD282 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This item recognises CD282, also known as TLR-2, a 90kD type 1 transmembrane protein that is primarily expressed by peripheral blood monocytes. CD282 is also expressed in the spleen, bone marrow and lymph nodes. CD282 is reported to respond to a diverse range of bacterial cell wall components, mediating the innate immune response in co-operation with MD-2.
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	784
Applicable Applications for anti-CD282 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	A peptide corresponding to an 14 amino acid sequence from near the amino terminus of human CD282. Histology Positive Control Tissue
Antiserum Preparation	Antisera to Human CD282 (NT) were raised by repeated immunisation of Rabbits with highly purified antigen. Purified IgG prepared from whole serum by ion exchange 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.



Application Data
Immunohistochemical staining of human spleen with Rabbit anti Human CD286 (AAA50038)



Application Data
Western blot analysis of whole cell lysate from A20 mouse B cell lymphoma cell line probed with Rabbit anti Human CD282 (AAA50038)

ADDITIONAL INFORMATION

Related Product Information for anti-CD282 antibody	MBS223383 recognises CD282, also known as TLR-2, a 90kD type 1 transmembrane protein that is primarily expressed by peripheral blood monocytes. CD282 is also expressed in the spleen, bone marrow and lymph nodes. CD282 is reported to respond to a diverse range of bacterial cell wall components, mediating the innate immune response in co-operation with MD-2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19718734
NCBI GeneID	7097
NCBI Accession #	NP_003255.2
NCBI GenBank Nucleotide #	NM_003264.3
UniProt Accession #	O60603; O15454; Q8NI00; B3Y612; D1CS45; D1CS48; D1CS49
Molecular Weight	89,838 Da
NCBI Official Full Name	toll-like receptor 2
NCBI Official Synonym Full Names	toll-like receptor 2
NCBI Official Symbol	TLR2
NCBI Official Synonym Symbols	TIL4; CD282
NCBI Protein Information	toll-like receptor 2; toll/interleukin 1 receptor-like 4; toll/interleukin-1 receptor-like protein 4
UniProt Protein Name	Toll-like receptor 2
UniProt Gene Name	TLR2
UniProt Synonym Gene Names	TIL4
UniProt Entry Name	TLR2_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.