

Rabbit CD286 Polyclonal Antibody | anti-CD286 antibody

RABBIT ANTI HUMAN CD286

CATALOG # AAA49916	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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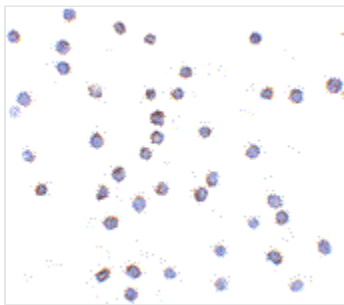
PRODUCT SYNONYMS

CD286; Polyclonal Antibody; RABBIT ANTI HUMAN CD286; anti-CD286 antibody

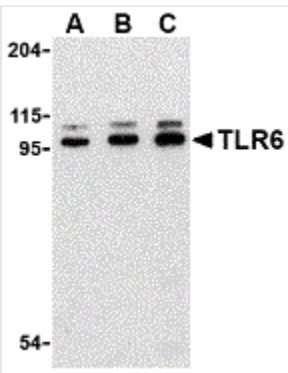
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	480
Applicable Applications for anti-CD286 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Immunogen	A synthetic peptide corresponding to a 13 amino acid sequence located near the centre of human CD286. Buffer Solution
Antiserum Preparation	Antisera to human CD286 were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum 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
Immunocytochemical staining of Jurkat cells with Rabbit anti Human CD286 (AAA49916)



Application Data
Western blot analysis of whole cell lysate from Jurkat human T-cell leukemia cells probed with Rabbit anti CD286 (AAA49916) at 0.5(A), 1(B) and 2(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-CD286 antibody	Rabbit anti Human CD286 antibody recognizes human CD286, also known as Toll-like receptor 6 (TLR6), a member of the evolutionarily conserved toll-like receptor family (TLRs) and close homologue of CD281 (TLR1), that is expressed by monocytes, CD11c+ immature dendritic cells and endothelial cells of skin microvessels. TLRs play an important role in the recognition of invading microbial pathogens during innate immunity, acting through adaptor molecules such as MyD88 and TRAF6. CD286 acts via a cytokine signaling pathway to induce the activation of NF-kappaB, through the formation of dimers with CD282 (TLR2) which coordinate macrophage activation by Gram-positive bacteria and zymosan. CD286/CD282 dimers are also involved in apoptotic responses through recognition of mycoplasmal lipoproteins. Rabbit anti Human CD286 antibody does not recognize CD281 (TLR1). Rabbit anti Human CD286 antibody has been shown as suitable for use in IHC on Jurkat cell cytopins at 2ug/ml.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20143971
NCBI GeneID	10333
NCBI Accession #	NP_006059.2
NCBI GenBank Nucleotide #	NM_006068.4
UniProt Accession #	Q9Y2C9; Q2NKL3; B3Y640; B6CH35; B6RFS4; B6RFS5
Molecular Weight	55,828 Da
NCBI Official Full Name	toll-like receptor 6
NCBI Official Synonym Full Names	toll-like receptor 6
NCBI Official Symbol	TLR6
NCBI Official Synonym Symbols	CD286
NCBI Protein Information	toll-like receptor 6
UniProt Protein Name	Toll-like receptor 6
UniProt Gene Name	TLR6
UniProt Entry Name	TLR6_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.