Datasheet for ABIN337069

anti-TLR9 antibody (AA 268-284)

2 Images

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Overview

Quantity:	50 µg
Target:	TLR9
Binding Specificity:	AA 268-284
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TLR9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	IHC-plus™
Immunogen:	This antibody was developed against KLH-conjugated synthetic peptide corresponding to amino acids 268-284 (CPRHFPQLHPDTFSHLS) of human TLR9 isoform A (Genbank accession no. AAF78037). Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey (100%), Chimpanzee, Marmoset (94%), Sheep, Goat, Zebu, Bovine, Horse (82%). Type of Immunogen: Synthetic peptide - KLH conjugated
Clone:	26C593-2
Isotype:	IgG1 kappa

Product Details

Specificity:	KLH-conjugated synthetic peptide corresponding to amino acids 268-284 of human TLR9 isoform A (Genbank accession no. AAF78037).
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey (100%) Chimpanzee, Marmoset (94%) Sheep, Goat, Zebu, Bovine, Horse (82%).
Purification:	Protein G purified

Target Details

Target:	TLR9
Alternative Name:	TLR9 (TLR9 Products)
Background:	Name/Gene ID: TLR9 Family: Toll-like Receptor Synonyms: TLR9, CD289, CD289 antigen, Scri2a, Toll-like receptor 9
Gene ID:	54106
UniProt:	Q9NR96
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Toll-Like Receptors Cascades

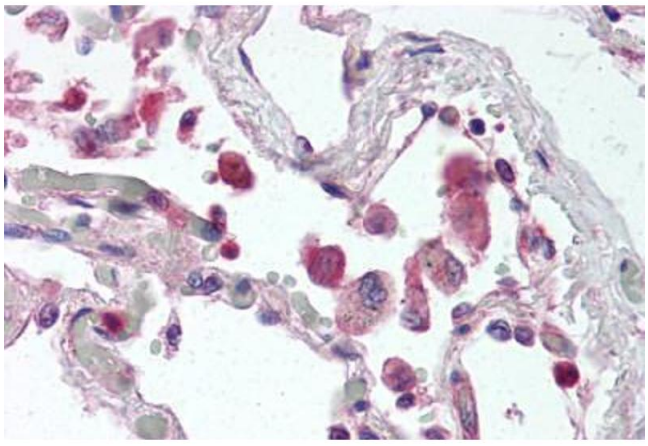
Application Details

Application Notes:	Approved: Flo, IHC, IHC-Fr (10 - 20 µg/mL), IHC-P (5 µg/mL), WB (1 - 3 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

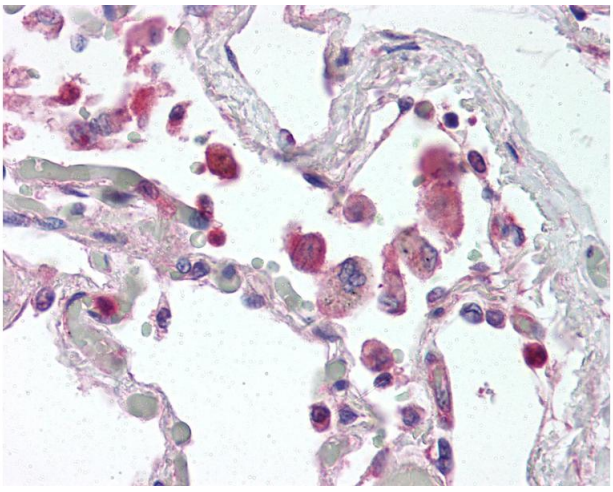
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, 0.05 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Lung (formalin-fixed, paraffin-embedded) stained with TLR9 antibody ABIN337069 at 5 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-TLR9 antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.