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Datasheet for ABIN7172286 anti-TLR9 antibody (AA 425-563)

2 Images



Overview

Quantity:	100 µg
Target:	TLR9
Binding Specificity:	AA 425-563
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TLR9 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Toll-like receptor 9 protein (425-563AA)
lsotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

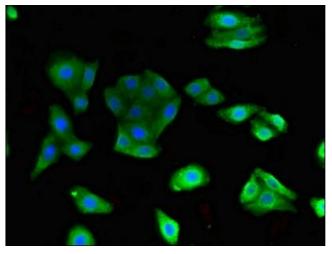
Target:	TLR9
Alternative Name:	TLR9 (TLR9 Products)
Background:	Background: Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control
	host immune response against pathogens through recognition of molecular patterns specific to

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Target Details

	microorganisms. TLR9 is a nucleotide-sensing TLR which is activated by unmethylated
	cytidine-phosphate-guanosine (CpG) dinucleotides. Acts via MYD88 and TRAF6, leading to NF-
	kappa-B activation, cytokine secretion and the inflammatory response. Controls lymphocyte
	response to Helicobacter infection.
	Aliases: CD 289 antibody, CD289 antibody, TLR 9 antibody, TLR9 antibody, TLR9_HUMAN
	antibody, Toll like receptor 9 antibody, Toll like receptor 9 isoform A precursor antibody, Toll like
	receptor 9 isoform B antibody, Toll-like receptor 9 antibody
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:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7172286 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7172286 at dilution of 1:100

