antibodies -online.com







anti-TLR9 antibody (AA 26-193)





Overview

Quantity:	0.1 mg
Target:	TLR9
Binding Specificity:	AA 26-193
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TLR9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD289 (AA: extra 26-193) expressed in E. coli.
Clone:	5B10E8
Isotype:	lgG1
Purification:	purified

Target Details

Target:	TLR9
Alternative Name:	CD289 (TLR9 Products)
Background:	Description: The protein encoded by this gene is a member of the Toll-like receptor (TLR) family

which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is preferentially expressed in immune cell rich tissues, such as spleen, lymph node, bone marrow and peripheral blood leukocytes. Studies in mice and human indicate that this receptor mediates cellular response to unmethylated CpG dinucleotides in bacterial DNA to mount an innate immune response.

Aliases: TLR9

Molecular Weight: 116 kDa

Gene ID: 54106

Pathways: TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of

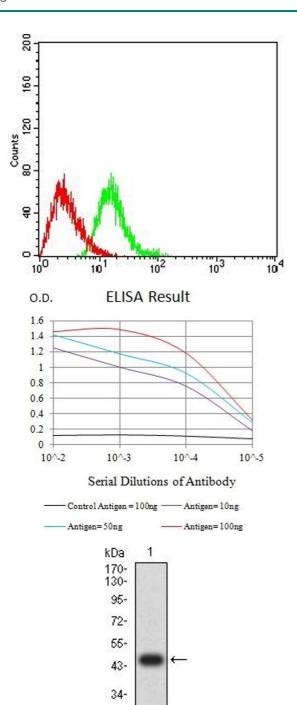
Bacterial Origin, Toll-Like Receptors Cascades

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A
Restrictions:	For Research Use only

Handling

Buffer:	Purified antibody in PBS with 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.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



26-

17-

11-

Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using CD289 mouse mAb (green) and negative control (red).

ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using CD289 mAb against human CD289 (AA: extra 26-193) recombinant protein. (Expected MW is 44.5 kDa)

Please check the product details page for more images. Overall 4 images are available for ABIN7193346.