Datasheet for ABIN531988

anti-TLR9 antibody (AA 268-300)

3 Images | 6 Publications

Go to Product page

Overview

Quantity:	100 µg
Target:	TLR9
Binding Specificity:	AA 268-300
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TLR9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against synthetic peptide of TLR9.
Immunogen:	A synthetic peptide (conjugated with KLH) corresponding to amino acids 268-300 of human TLR9 isoform A.
Clone:	26C593-2
Isotype:	IgG1
Cross-Reactivity:	Human, Monkey, Mouse, Rat

Target Details

Target:	TLR9

Target Details

Alternative Name:	CD289 / TLR9 (TLR9 Products)
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 (1:100-1:2000) Flow Cytometry Immunocytochemistry (1:10-1:500) Immunofluorescence (1:10-1:500) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5 µg/mL) Immunoprecipitation (1:10-1:500) Western Blot (2-5 µg/mL)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 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.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Shi, Yu, Xie, Wang, Zhang, Zheng: "Activation of TLR9-dependent p38MAPK pathway in the pathogenesis of primary Sjögren's syndrome in NOD/Ltj mouse." in: **Journal of oral pathology & medicine : official publication of the International Association of Oral Pathologists and the American Academy of Oral Pathology**, Vol. 43, Issue 10, pp. 785-91, (2014) (PubMed). Nakano, Morimoto, Suzuki, Nozawa, Amano, Tokano, Takasaki: "Role of pathogenic auto-

antibody production by Toll-like receptor 9 of B cells in active systemic lupus erythematosus." in: **Rheumatology (Oxford, England)**, Vol. 47, Issue 2, pp. 145-9, (2008) (PubMed).

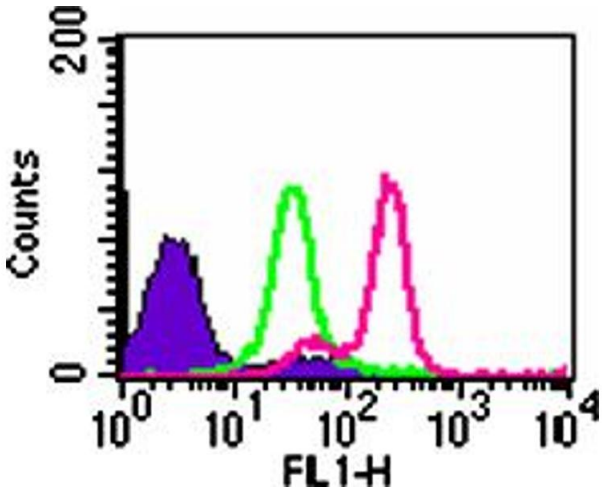
Meng, Kujas, Marie, Paris, Thillet, Delattre, Carpentier: "Expression of TLR9 within human glioblastoma." in: **Journal of neuro-oncology**, Vol. 88, Issue 1, pp. 19-25, (2008) (PubMed).

Selleri, Palazzo, Deola, Wang, Balsari, Marincola, Rumio: "Induction of pro-inflammatory programs in enteroendocrine cells by the Toll-like receptor agonists flagellin and bacterial LPS." in: **International immunology**, Vol. 20, Issue 8, pp. 961-70, (2008) (PubMed).

Meneghin, Choi, Evanoff, Kunkel, Martinez, Flaherty, Toews, Hogaboam: "TLR9 is expressed in idiopathic interstitial pneumonia and its activation promotes in vitro myofibroblast differentiation." in: **Histochemistry and cell biology**, Vol. 130, Issue 5, pp. 979-92, (2008) (PubMed).

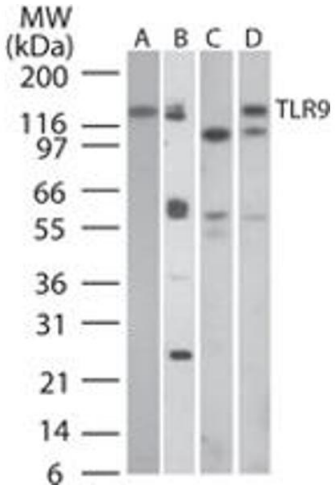
There are more publications referencing this product on: Product page

Images



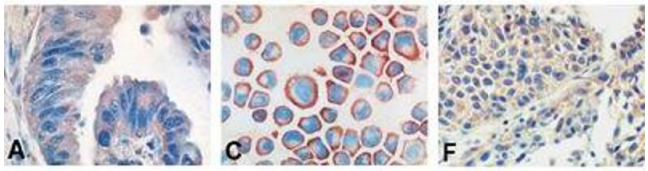
Flow Cytometry

Image 1. Flow cytometric analysis of TLR9 in Ramos cells. Using 0.1 ug of TLR9 monoclonal antibody, clone 26C593.2 . Shaded histogram represents Ramos cells without antibody; Green represents isotype control ; red represents anti-TLR9 antibody.



Western Blotting

Image 2. Western blot analysis of TLR9 in A) human PBMC, B) human intestine, C) mouse intestine and D) rat intestine tissue lysates using TLR9 monoclonal antibody, clone 26C593.2 at 3 ug/mL .



Immunohistochemistry

Image 3. IHC analysis of TLR9 monoclonal antibody, clone 26C593.2 in adenocarcinoma of the lung (A) , A-549 cells (C) , and malignant lung tissues (F) at 1 : 100 dilution.