

Mouse anti-Mouse, Human TLR9 Monoclonal Antibody | anti-TLR9 antibody

NALE Monoclonal Antibody to TLR9 (Clone: ABM1C51) (No Azide Low Endotoxin)

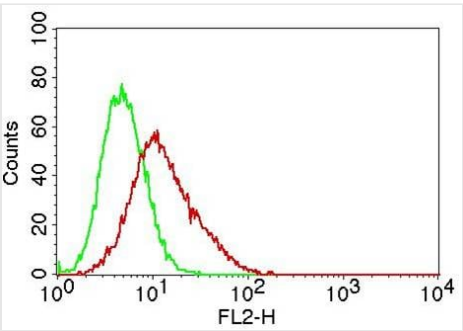
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78407	Mouse	Mouse, Human	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

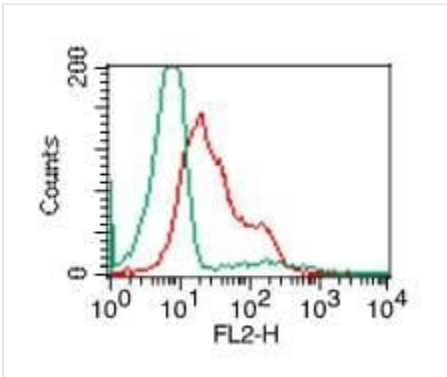
TLR9; Monoclonal Antibody; NALE Monoclonal Antibody to TLR9 (Clone: ABM1C51) (No Azide Low Endotoxin); UNQ5798/PRO19605; CD289; anti-TLR9 antibody

PRODUCT SPECIFICATIONS

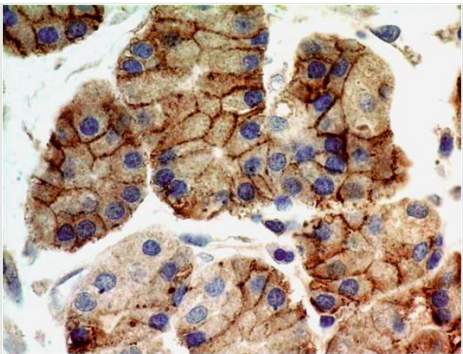
Host	Mouse
Reactivity	Mouse, Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	ABM1C51
Purity/Purification	Azide Free, Purified Protein G Chromatography
Form/Format	100 ug in 200 ul PBS containing 0.05% BSA.
Sequence Length	1032
Applicable Applications for anti-TLR9 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Antigen	TLR9
Immunogen Information	A partial length recombinant TLR9 protein (amino acids 100-290) was used as the immunogen for the antibody.
Conjugation	Unconjugated
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeat freezing and thawing



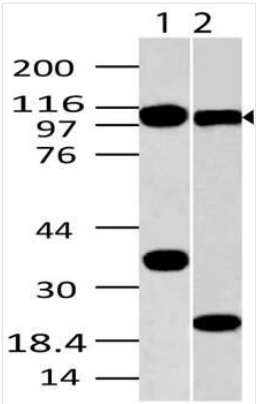
FCM/FACS (Flow Cytometry)
Fig-4: Intracellular flow analysis of TLR9 in Raji cells using 0.5 ug/10⁶ cells of TLR9 antibody (Clone: ABM1C51). Green represents isotype control; red represents anti-TLR9 antibody. Goat anti-mouse PE conjugate was used as secondary antibody.



FCM/FACS (Flow Cytometry)
Fig-3: Intracellular flow analysis of TLR9 in human PBMC (Lymphocytes) using 0.5 ug/10⁶ cells of TLR9 antibody (Clone: ABM1C51). Green represents isotype control; red represents anti-TLR9 antibody. Goat anti-mouse PE conjugate was used as secondary.



IHC (Immunohistochemistry)
Fig-2: Immunohistochemical analysis of TLR9 in human stomach tissue using TLR9 antibody (Clone: ABM1C51) at 5 ug/ml.



WB (Western Blot)
Fig-1: Western blot analysis of TLR9. Anti- TLR9 antibody (Clone: ABM1C51) was used at 2 ug/ml on (1) Raji and (2) EL4 lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR9 antibody	TLR9, a member of toll-like receptor family are central to the innate immunity by identifying pathogen associated molecular patterns (PAMPs). TLR9 identify unmethylated CpG dinucleotides present in bacterial DNA leading to NF- κ B activation.
Product Categories/Family for anti-TLR9 antibody	TLR and Innate Immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	8394456
NCBI GeneID	54106
NCBI Accession #	NP_059138.1
NCBI GenBank Nucleotide #	NM_017442.3
UniProt Accession #	Q9NR96; Q6UVZ2; Q9HD68; Q9HD69; Q9HD70; Q9NYC2; Q9NYC3; B3Y661; D1CS56
Molecular Weight	114,237 Da
NCBI Official Full Name	toll-like receptor 9
NCBI Official Synonym Full Names	toll like receptor 9

NCBI Official Symbol	TLR9
NCBI Official Synonym Symbols	CD289
NCBI Protein Information	toll-like receptor 9
UniProt Protein Name	Toll-like receptor 9
UniProt Gene Name	TLR9

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tlr9-antibody-clone-abm1c51-flow-cytometry-western-blot-immunohistochemistry-elisa/78407>