

Mouse anti-Human, Mouse TLR8 Monoclonal Antibody | anti-TLR8 antibody

Mouse Monoclonal [clone 44C143] (IgG,k) to Human TLR8

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51803	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry

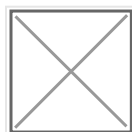
PRODUCT SYNONYMS

TLR8; Monoclonal Antibody; Mouse Monoclonal [clone 44C143] (IgG; k) to Human TLR8; Anti-TLR8 Antibody (aa750-850; clone 44C143) IHC-plus; CD288; Toll-like receptor 8; CD288 antigen; Human TLR8; anti-TLR8 antibody

PRODUCT SPECIFICATIONS

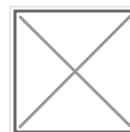
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG,k
Clone Number	44C143
Specificity	A KLH-conjugated synthetic peptide of human TLR8, within amino acids 750-850. It will cross-react with mouse TLR8.
Purity/Purification	Protein G Purified
Form/Format	PBS, 0.05% BSA, 0.05% sodium azide. Sourced in TCS.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1041
Applicable Applications for anti-TLR8 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human TLR8.
Immunogen Type	Synthetic peptide
Immunogen	TLR8 antibody was raised against synthetic peptide from human TLR8.
Antigen Modification	aa750-850
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot of TLR8 in cell lysates from 293 transfected with human TLR8 using antibody at a concentration of 2 ug/ml.



FCM/FACS (Flow Cytometry)

Intracellular flow analysis of TLR8 in 1×10^6 Ramos cells using 0.5 ug of antibody. Shaded histogram represents Ramos cells without antibody; green represents isotype control; purple represents anti-TLR8 antibody.



IHC (Immunohistochemistry)

Anti-TLR8 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR8 antibody	Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors. Like TLR7, TLR8 is localized to endosomal or lysosomal compartments and stimulates the innate immune response after activation by guanosine- and uridine-rich single-stranded RNA.
Product Categories/Family for anti-TLR8 antibody	Family: Toll-like Receptor

NCBI AND UNIPROT INFORMATION

NCBI GI #	20302168
NCBI GeneID	51311
NCBI Accession #	NP_619542.1
NCBI GenBank Nucleotide #	NM_138636.5
UniProt Accession #	Q9NR97; Q495P4; Q6UXL6; Q9NYG9; B3Y654; D1CS70; D1CS76
Molecular Weight	121,764 Da
NCBI Official Full Name	toll-like receptor 8 isoform 2
NCBI Official Synonym Full Names	toll-like receptor 8
NCBI Official Symbol	TLR8
NCBI Official Synonym Symbols	CD288
NCBI Protein Information	toll-like receptor 8
UniProt Protein Name	Toll-like receptor 8
UniProt Gene Name	TLR8
UniProt Entry Name	TLR8_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/tlr8-antibody-clone-44c143-flow-cytometry-western-blot-immunohistochemistry-elisa/51803>