

Mouse anti-Human TLR10 Monoclonal Antibody | anti-TLR10 antibody

TLR10 Monoclonal Antibody

CATALOG # AAA78214	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot
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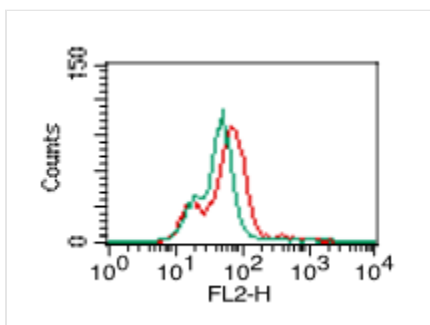
PRODUCT SYNONYMS

TLR10; Monoclonal Antibody; TLR10 Monoclonal Antibody; anti-TLR10 antibody

PRODUCT SPECIFICATIONS

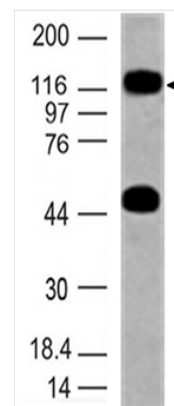
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a, Kappa
Clone Number	ABM3C85
Purity/Purification	Protein G Chromatography
Form/Format	Purified; 25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Sequence Length	811
Applicable Applications for anti-TLR10 antibody	WB (Western Blot)
Antigen	TLR10
Immunogen	A partial length recombinant TLR10 protein (Amino acid sequence 100-369) was used as the immunogen for this antibody.
Preparation and Storage	Store antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles. Expire 1 year from date of purchase.

IMAGES



FCM/FACS (Flow Cytometry)

Intracellular flow analysis of TLR10 in human PBMC (monocytes) using 2.0 ug/10⁶ cells of TLR10 antibody (Clone: ABM3C85). Green represents isotype control; red represents anti-TLR10 antibody. Goat anti-mouse PE conjugate was used as secondary.



WB (Western Blot)

Expression analysis of TLR10. Anti- TLR10 antibody (Clone: ABM3C85) was used at 2 ug/ml on human ovary lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR10 antibody	TLR10 (Toll-Like Receptor10) is an orphan member of the TLR family and is the only pattern-recognition receptor without known ligand specificity and biological function. This protein plays a role in innate immune responses following viral infection. Influenza virus infection increased TLR10 expression and TLR10 contributed to innate immune sensing of viral infection leading to cytokine induction, including proinflammatory cytokines and interferons. Blocking TLR10 by antagonistic antibodies enhanced proinflammatory cytokine production, including IL-1Beta, specifically after exposure to TLR2 ligands. TLR10 is in a locus that also contains TLR1 and TLR6, two receptors known to function as coreceptors for TLR2. TLR10 is predominantly expressed in tissues rich in immune cells, such as spleen, lymph node, thymus, tonsil, and lung. Expression of TLR10 can be induced in B cells, dendritic cells, eosinophils, and neutrophils, as well as on nonimmune cells, such as trophoblasts.
Product Categories/Family for anti-TLR10 antibody	TLR

NCBI AND UNIPROT INFORMATION

NCBI GI #	62865621
NCBI GeneID	81793
NCBI Accession #	NP_001017388.1
NCBI GenBank Nucleotide #	NM_001017388.2
UniProt Accession #	Q9BXR5; Q32MI7; Q32MI8; Q5FWG4; Q6UXL3; A8K7L1; B3Y668; D1CS21; D1CS22
NCBI Official Full Name	toll-like receptor 10 isoform a
NCBI Official Synonym Full Names	toll-like receptor 10
NCBI Official Symbol	TLR10
NCBI Official Synonym Symbols	CD290
NCBI Protein Information	toll-like receptor 10
UniProt Protein Name	Toll-like receptor 10
UniProt Gene Name	TLR10
UniProt Entry Name	TLR10_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tlr10-antibody-clone-abm3c85-western-blot-elisa/78214>