

Rat anti-Mouse, Human mTLR3 Monoclonal Antibody | anti-mTLR3 antibody

Monoclonal Antibody to mTLR3 (ABM24E5)

CATALOG # AAA78212	HOST Rat	REACTIVITY Mouse, Human	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

mTLR3; Monoclonal Antibody; Monoclonal Antibody to mTLR3 (ABM24E5); Tlr3; anti-mTLR3 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse, Human
Clonality	Monoclonal
Isotype	Rat IgG2b, Kappa
Clone Number	ABM24E5
Purity/Purification	Protein G Chromatography
Form/Format	Purified (Liquid)
Sequence Length	905
Applicable Applications for anti-mTLR3 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot)
Antigen	mTLR3
Content	100 ug in 200ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Immunogen	A partial length recombinant mTLR3 protein (Amino acid sequence 180-385) was used as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



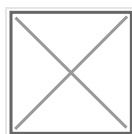
IHC (Immunohistochemistry)

Immunohistochemical analysis of mTLR3 in human Liver tissue using mTLR3 antibody (Clone:ABM24E5) at 10 ug/ml.



FCM/FACS (Flow Cytometry)

Intracellular flow analysis of mTLR3 in m Splenocytes using 0.5 tJg/1 0*6 cells of mTLR3 antibody (Clone: ABM24E5). Green represents isotype control; red represents anti-mTLR3 antibody. Goat anti-Rat FITC conjugate was used as secondary antibody .



WB (Western Blot)

Western Blot analysis of mTLR3. Anti- mTLR3 antibody (Clone: ABM24E5) was used at 2 ug/ml on mouse brain lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-mTLR3 antibody	Mouse Toll-like receptor 3 (mTLR3) belongs to a family of evolutionary conserved innate immune recognition molecules and recognizes double-stranded RNA, a molecular pattern associated with viral infections. It has seven exons. mTlr3 show high homology to hTLR3 in their predicted cDNA and protein sequences. The intracellular region of mTlr3 has remarkable homology with the same region of others mTlrs. mTlr3 mRNA is ubiquitously expressed in tissues, being expressed highest in spleen, kidney and lung. Its activation by the synthetic ligand polyinosine:polycytidylic acid (poly I:C) or by mRNA rapidly causes growth cone collapse and irreversibly inhibits neurite extension independent of NF-kappaB. The high levels of mTlr3 expression in Mz B cells perhaps contribute to their ability to clear antigen from the blood.
Product Categories/Family for anti-mTLR3 antibody	TLR

NCBI AND UNIPROT INFORMATION

NCBI GI #	31543872
NCBI GeneID	142980
NCBI Accession #	NP_569054.2
NCBI GenBank Nucleotide #	NM_126166.4
UniProt Accession #	Q99MB1; Q91ZM4
NCBI Official Full Name	toll-like receptor 3
NCBI Official Synonym Full Names	toll-like receptor 3
NCBI Official Symbol	Tlr3
NCBI Official Synonym Symbols	AI957183
NCBI Protein Information	toll-like receptor 3
UniProt Protein Name	Toll-like receptor 3
UniProt Gene Name	Tlr3
UniProt Entry Name	TLR3_MOUSE

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/mtlr3-antibody-clone-abm24e5-immunohistochemistry-flow-cytometry-western-blot-elisa/78212>