

Mouse anti-Human TLR7 Monoclonal Antibody | anti-TLR7 antibody

Monoclonal Antibody to TLR7 (Clone: ABM2C27) FITC Conjugated

CATALOG # AAA78412	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

TLR7; Monoclonal Antibody; Monoclonal Antibody to TLR7 (Clone: ABM2C27) FITC Conjugated; UNQ248/PRO285; anti-TLR7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	ABM2C27
Purity/Purification	Purified; Protein G Chromatography
Form/Format	0.2 mg/ml in Tris buffer containing 0.05% Azide
Sequence Length	1049
Applicable Applications for anti-TLR7 antibody	FCM/FACS (Flow Cytometry)
Immunogen Information	A partial length recombinant human TLR7 protein (amino acids 500-900) was used as the immunogen for this antibody.
Conjugate	FITC
Preparation and Storage	Store the antibody at 4 degree C; stable for 6 months.

IMAGES



FCM/FACS (Flow Cytometry)

Fig: 1- Intracellular flow analysis of TLR7-FITC conjugated in THP1 cells using 0.5 ug/10⁶ cells of TLR7-FITC antibody (Clone: ABM2C27). Green represents isotype control; red represents anti- TLR7-FITC antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR7 antibody

TLR7 (Toll-like receptor 7) is a member of the Toll-like receptor (TLR) family. TLR7 is a nucleotide-sensing TLR which is activated by single-stranded RNA; which plays a fundamental role in pathogen recognition and activation of innate immunity. TLR7 controls host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR7 interacts with MYD88 via their respective TIR domains and also interacts with UNC93B1. Post-translational modifications and glycosylation occur in TLR7. TLR7 detected in brain, placenta, spleen, stomach, small intestine, lungs and plasmacytoid pre-dendritic cells.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706093
NCBI GeneID	51284
NCBI Accession #	NP_057646.1
NCBI GenBank Nucleotide #	NM_016562.3
UniProt Accession #	Q9NYK1; Q9NR98; D1CS69
NCBI Official Full Name	toll-like receptor 7
NCBI Official Synonym Full Names	toll like receptor 7
NCBI Official Symbol	TLR7
NCBI Official Synonym Symbols	TLR7-like
NCBI Protein Information	toll-like receptor 7
UniProt Protein Name	Toll-like receptor 7
UniProt Gene Name	TLR7

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/tlr7-antibody-clone-abm2c27-flow-cytometry-elisa/78412>