

Mouse anti-Mouse, Human TLR2 Monoclonal Antibody | anti-TLR2 antibody

Monoclonal Antibody to TLR2 (Clone: ABM3A87) FITC conjugated

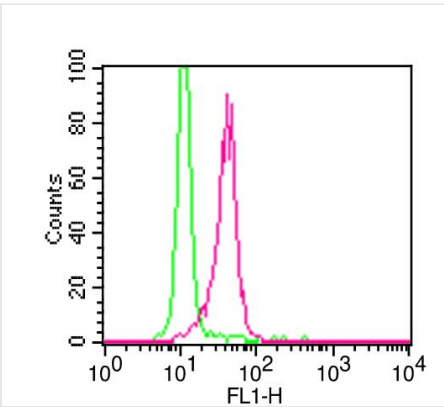
CATALOG # AAA78287	HOST Mouse	REACTIVITY Mouse, Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

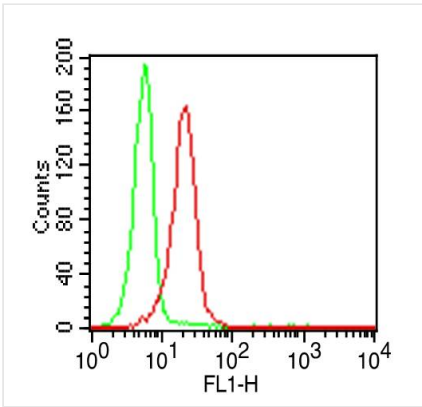
TLR2; Monoclonal Antibody; Monoclonal Antibody to TLR2 (Clone: ABM3A87) FITC conjugated; TIL4; Toll/interleukin-1 receptor-like protein 4; Antibody to TLR2; Anti-TLR2 Antibody; TLR2 Antibody; anti-TLR2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	ABM3A87
Purity/Purification	Purified Protein G Chromatography
Form/Format	0.2 mg/ml in Tris buffer containing 0.05% Azide
Sequence Length	784
Applicable Applications for anti-TLR2 antibody	FCM/FACS (Flow Cytometry)
Immunogen Information	A partial length recombinant TLR2 protein (amino acids 180-420) was used as the immunogen for this antibody.
Antigen	TLR2
Conjugate	FITC
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months.



FCM/FACS (Flow Cytometry)
Fig-2: Intracellular flow analysis of TLR2 FITC conjugated in PBMC (Monocytes) using 0.5 ug/10⁶ cells of TLR2 FITC conjugated antibody (Clone: ABM3A87). Green represents isotype control; red represents anti-TLR2 FITC conjugated antibody.



FCM/FACS (Flow Cytometry)
Fig-1: Intracellular flow analysis of TLR2 FITC conjugated in PBMC (Lymphocytes) using 0.5 ug/10⁶ cells of TLR2 FITC conjugated antibody (Clone: ABM3A87). Green represents isotype control; red represents anti-TLR2 FITC conjugated antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TLR2 antibody	TLR2 (Toll-Like Receptors 2) is a member of the TLR (Toll-like receptor) family that plays a fundamental role in pathogen recognition and activation of innate immunity. TLR2 forms heterodimers with TLR1 and TLR6, which is the initial step in a cascade of events leading to significant innate immune responses, development of adaptive immunity to pathogens and protection from immune sequelae related to infection with these pathogens. TLR2 also interacts with a large number of non-TLR molecules, allowing for recognition of a great number and variety of PAMPs (pathogen-associated molecular patterns). TLR2 expression has been detected in immune cells, endothelial, and epithelial cells.
Product Categories/Family for anti-TLR2 antibody	Antibodies; TLR and Innate Immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	20140434
NCBI GeneID	7097
UniProt Accession #	O60603; O15454; Q8NI00; B3Y612; D1CS45; D1CS48; D1CS49
Molecular Weight	89,838 Da
NCBI Official Full Name	Toll-like receptor 2
NCBI Official Synonym Full Names	toll like receptor 2
NCBI Official Symbol	TLR2
NCBI Official Synonym Symbols	TIL4; CD282
NCBI Protein Information	toll-like receptor 2
UniProt Protein Name	Toll-like receptor 2
UniProt Gene Name	TLR2
UniProt Synonym Gene Names	TIL4

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.