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10-3026-P: Monoclonal Antibody to TLR2 (Clone: ABM3A87) PE conjugated

Clone Name : Monoclonal

Clone Name : ABM3A87

Application : FACS

Reactivity: Mouse, Human

 Conjugate :
 PE

 Gene :
 TLR2

 Gene ID :
 7097

 Uniprot ID :
 O60603

 Format :
 Purified

 Alternative Name :
 TLR2,TIL4

Isotype: Mouse IgG1 Kappa

Immunogen Information: A partial length recombinant TLR2 protein (amino acids 180-420) was used as the immunogen for

this antibody.

Description

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 Info

Amount: 25 Test / 100 Test

Purification: Protein G Chromatography

Content : 0.04 mg/ml in PBS with 0.05% Azide.

Storage condition : Store the antibody at 4°C, stable for 6 months.

Application Note

FACS analysis: 0.5 -1 µg/10^6 cells

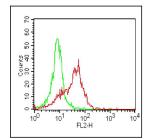


Fig-1: Intracellular flow analysis of TLR2 PE conjugated in PBMC (Monocytes) using 0.5 μg/10⁶ cells of TLR2 PE conjugated antibody (Clone: ABM3A87). Green represents isotype control; red represents anti-TLR2 PE conjugated antibody.