

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

10-3026-F: Monoclonal Antibody to TLR2 (Clone: ABM3A87) FITC conjugated

Clone Name: Monoclonal
Clone Name: ABM3A87
Application: FACS

Reactivity: Mouse, Human

Conjugate: FITC
Gene: TLR2
Gene ID: 7097
Uniprot ID: 060603
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 : $25 \mu g / 100 \mu g$

Purification: Protein G Chromatography

Content: 0.2 mg/ml in Tris buffer containing 0.05% Azide **Storage condition:** Store the antibody at 4°C, stable for 6 months.

Application Note

FACS analysis: 0.5 -1 μg/10⁶ cells

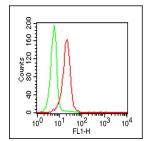


Fig-1: Intracellular flow analysis of TLR2 FITC conjugated in PBMC (Lymphocytes) using $0.5 \mu g/10^6$ cells of TLR2 FITC conjugated antibody (Clone: ABM3A87). Green represents isotype control; red represents anti-TLR2 FITC conjugated antibody.



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

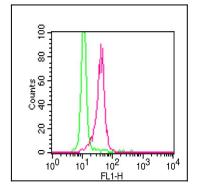


Fig-2: Intracellular flow analysis of TLR2 FITC conjugated in PBMC (Monocytes) using 0.5 μ g/10^6 cells of TLR2 FITC conjugated antibody (Clone: ABM3A87). Green represents isotype control; red represents anti-TLR2 FITC conjugated antibody.