

10-3003-F: Monoclonal Antibody to TLR9 (Clone: ABM1C51) FITC conjugated

Clonality :	Monoclonal
Application :	FACS
Reactivity :	Mouse,Human
Conjugate :	FITC
Gene :	TLR9
Gene ID :	54106
Uniprot ID :	Q9NR96
Format :	Purified
Alternative Name :	TLR9,UNQ5798/PRO19605
Isotype :	Mouse IgG1 Kappa
Immunogen Information :	A partial length recombinant TLR9 protein (amino acids 100-290) was used as the immunogen for the antibody.

Description

TLR9, a member of toll-like receptor family are central to the innate immunity by identifying pathogen associated molecular patterns (PAMPs). TLR9 identify unmethylated CpG dinucleotides present in bacterial DNA leading to NF-kB activation.

Product Info

Amount :	25 µg / 100 µg
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

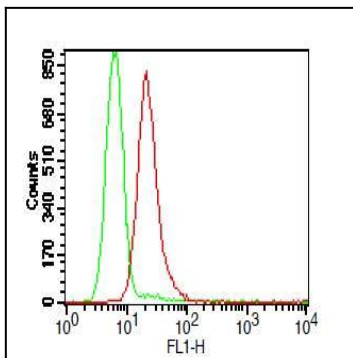


Fig-1: Intracellular flow analysis of TLR9 FITC conjugated in Ramos cell line using 0.5 µg/10⁶ cells of TLR9 FITC conjugated antibody (Clone: ABM1C51). Green represents isotype control; red represents anti-TLR9 FITC conjugated antibody.

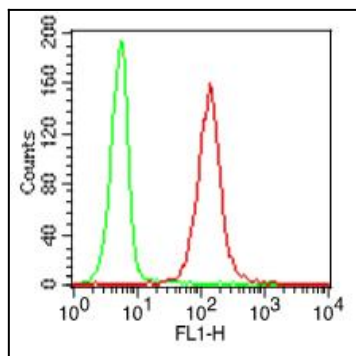


Fig-2: Intracellular flow analysis of TLR9 FITC conjugated in hPBMC (Lymphocytes) using 0.5 $\mu\text{g}/10^6$ cells of TLR9 FITC conjugated antibody (Clone: ABM1C51). Green represents isotype control; red represents anti-TLR9 FITC conjugated antibody.