

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

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| Clonality : | Monoclonal |
| Clone Name : | ABM1C51 |
| 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

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|----------------------------|---|
| 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

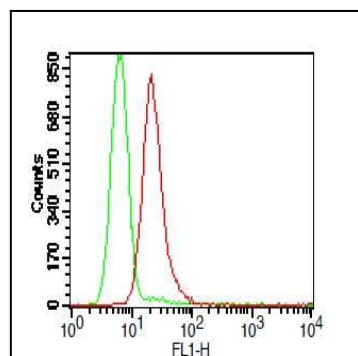


Fig-1: Intracellular flow analysis of TLR9 FITC conjugated in Ramos cell line using 0.5 µg/10⁶ cells of TLR9 FITC conjugated antibody (Clone: ABM1C51). Green represents isotype control; red represents anti-TLR9 FITC conjugated antibody.

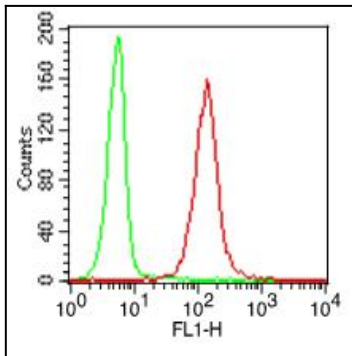


Fig-2: Intracellular flow analysis of TLR9 FITC conjugated in hPBMC (Lymphocytes) using 0.5 $\mu\text{g}/10^6$ cells of TLR9 FITC conjugated antibody (Clone: ABM1C51). Green represents isotype control; red represents anti-TLR9 FITC conjugated antibody.