## 10-3005-F: Monoclonal Antibody to TLR8/CD288 FITC Conjugated (Clone: ABM15F6)

| Clonality : | Monoclonal |
| :--- | :--- |
| Clone Name : | ABM15F6 |
| Application : | FACS |
| Reactivity : | Human |
| Conjugate : | FITC |
| Gene : | TLR8 |
| Gene ID : | 51311 |
| Uniprot ID : | Q9NR97 |
| Format : | Purified |
| Alternative Name : | TLR8,UNQ249/PRO286 |
| Isotype : | Mouse lgG1 Kappa |
| Immunogen Information $:$ | A partial length recombinant TLR8 protein (amino acids 750-900) was used as the immunogen for |
| this anti |  |

## Description

Toll like receptor 8, also known as CD288, is a member of TLR family. It plays an important role in sensing phagocytosed pathogen. TLR8 recognizes ssRNA and recruits MyD88 and leads to the activation of transcription factor NF-kappa B. TLR8 TLR8 has two splice variants, viz., TLR8v1 and TLR8v2 and one missense variant, termed G or A1G allele of TLR8. TLR8v1 has additional 19 amino acids in the N -terminus. It is predominantly expressed in lung and peripheral blood leukocytes.

## Product Info

## Amount: $\quad 25 \mu \mathrm{~g} / 100 \mu \mathrm{~g}$

Purification: Protein G Chromatography
Content: $\quad 0.2 \mathrm{mg} / \mathrm{ml}$ in Tris buffer containing $0.05 \%$ Azide
Storage condition : Store the antibody at $4^{\circ} \mathrm{C}$, stable for 6 months.

## Application Note

FACS analysis: $0.5-1 \mu \mathrm{~g} / 10^{\wedge} 6$ cells


Fig-1: Intracellular flow analysis of FITC conjugated hTLR8 in Jurkat cells using $0.5 \mu \mathrm{~g} / 10^{\wedge} 6$ cells of FITC conjugated hTLR8 antibody (Clone: ABM15F6). Green represents isotype control; red represents anti-FITC conjugated hTLR8 antibody.


Fig-2: Intracellular flow analysis of FITC conjugated hTLR8 in PBMC using $0.5 \mu \mathrm{~g} / 10^{\wedge} 6$ cells of FITC conjugated hTLR8 antibody (Clone: ABM15F6). Green represents isotype control; red represents FITC conjugated anti- hTLR8 antibody.

