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10-3005-F: Monoclonal Antibody to TLR8/CD288 (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 IgG1 Kappa

Immunogen Information: A partial length recombinant TLR8 protein (amino acids 750-900) was used as the immunogen for

this antibody.

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 : 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/10^6 cells

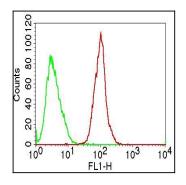


Fig-1: Intracellular flow analysis of FITC conjugated hTLR8 in Jurkat cells using $0.5 \mu g/10^6$ cells of FITC conjugated hTLR8 antibody (Clone: ABM15F6). Green represents isotype control; red represents anti-FITC conjugated hTLR8 antibody.



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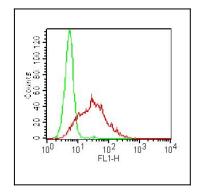


Fig-2: Intracellular flow analysis of FITC conjugated hTLR8 in PBMC using 0.5 μ g/10^6 cells of FITC conjugated hTLR8 antibody (Clone: ABM15F6). Green represents isotype control; red represents FITC conjugated anti- hTLR8 antibody.