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TLR8
Mouse Anti-Human Toll-Like Receptor 8 Clone 44B05 mAb

Catalog No.	CMT157	**Quantity:**	100 µl
Alternate Names:	CD288		
Gene ID:	51311		

Description: Mouse Anti-Human TLR8 Clone 44B05 monoclonal antibody. The Toll-like receptor (TLR) family of proteins are characterized by a highly conserved Toll homology (TH) domain, which is essential for Toll-induced signal transduction. TLR1 contains an extracellular domain consisting of several leucine-rich regions along with a single cytoplasmic Toll/IL-1R-like domain. TLR2 and TLR4 are activated in response to lipopolysacchride (LPS) stimulation, which results in the activation and translocation of NFκB and suggests that these receptors are involved in mediating inflammatory responses. TLR6 is highly homologous to TLR1, and like other members of the TLR family, it induces NFκB signaling upon activation. TLR8 gene contains three exons, two of which have coding function. Expression of TLR receptors is highest in peripheral blood leukocytes, macrophages, and monocytes.

Concentration: 1 mg/ml

Specificity: Human TLR8

Host: Mouse

Immunogen: Recombinant human TLR8

Isotype: IgG1

Clone: 44B05

Formulation: Liquid in PBS, pH 7.2 + 50% glycerol + 1% BSA + 0.02% thimerosal. Precaution: Thiomersal is a poisonous and hazardous substance which should be handled by trained staff only.

Purification: Protein G purified

Applications:
Western Blot
FACS analysis

Application Notes: For Western Blot, use a working dilution of 1:200-1,000. Ramos cell lysate can be used as a positive control and a 120 kDa band is detected in Western Blot.
For FACS analysis, use 1-4 µl per million cells.
The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Store at -20°C. For long term storage, aliquot and store at -80°C. **Avoid repeated freeze-thaw cycles.**

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