

TLR2

Mouse Anti-Human Toll-Like Receptor 2 Clone BV31-9 mAb

Catalog No.	CMT158	Quantity:	100 µl
Alternate Names:	CD282, Ly105, TIL4		
Gene ID:	7097		
Description:	<p>Mouse Anti-Human TLR2 Clone BV31-9 monoclonal antibody. The Toll-like receptor (TLR) family in mammalia comprises a family of transmembrane proteins characterized by multiple copies of leucine rich repeats in the extracellular domain and IL1 receptor motif in the cytoplasmic domain. Up-to-date, ten TLRs (TLR1-10) have been described. TLR2 is differentially expressed in human cells. CD14+ monocytes expressed the highest level of TLR2 followed by CD15+ granulocytes, and CD19+ B-cells. CD3+ T-cells and CD56+ NK cells did not express TLR2. The expression of TLR2 on different cell types are regulated by different immune response modifiers. For example, LPS, GM-CSF, IL1, and IL10 up regulate TLR2, whereas IL4, IFN-gamma, and TNF down regulate TLR2 expression in monocytes.</p>		
Specificity:	Human TLR2		
Host:	Mouse		
Immunogen:	Recombinant human TLR2		
Isotype:	IgG1		
Clone:	BV31-9		
Formulation:	Liquid in PBS, pH 7.2 + 50% glycerol + 1% BSA + 0.02% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein G purified		
Applications:	Western Blot		
Application Notes:	<p>For Western Blot, use a working dilution of 1:200-1,000. Ramos cell lysate can be used as a positive control and a ~86 kDa band is detected. The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Store at -20°C. For long term storage, aliquot and store at -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

