

TLR2

Mouse Anti-Human Toll-like Receptor 2 (Clone TL2.1) mAb

Catalog No.	MON4030	Quantity:	1 ml
Alternate Names:	Toll-like receptor, Toll/interleukin-1 receptor-like protein 4, CD282		
Description:	<p>Toll-like receptors (TLRs) are recognition molecules for multiple pathogens, including bacteria, viruses, fungi, and parasites. TLR2 forms heterodimers with TLR1 and TLR6, which is the initial step in a cascade of events leading to significant innate immune responses, development of adaptive immunity to pathogens and protection from immune sequelae related to infection with these pathogens.</p> <p>The TL2.1 monoclonal antibody is specific for human Toll-like receptor 2 (TLR2). TL2.1 is a TLR2 function blocking antibody that is useful for studies on the role of TLR2 as a pattern recognition receptor in microbial products induced cytokine production by TLR2 bearing cells such as human peripheral blood mononuclear cells. The antibody can be used for immunoprecipitation of human TLR2 (approximately 90 kDa).</p>		
Concentration:	0.1 mg/ml		
UniProt ID:	O60603		
Specificity:	TLR2		
Host:	Mouse		
Isotype:	IgG2a		
Clone:	TL2.1		
Formulation:	Purified antibody in PBS with 0.1% BSA and 0.02% sodium azide		
Applications:	FC, ELISA, IHC, WB, IP, Functional studies		
Application Notes:	Useful for neutralization of TLR2, it blocks TLR2 agonists induced cellular activation.		
Storage & Stability:	Store at 2-8°C for up to 1 year.		

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