

TLR3

Mouse Anti-Human Toll-like Receptor 3 (Clone TLR 3.7) mAb, Biotin

Catalog No.	MON3068B	Quantity:	50 µg
Description:	MON3068 reacts with the Toll-like receptors 9 (TLR9, CD289). TLRs are highly conserved throughout evolution and have been implicated in the innate defence to many pathogens. In <i>Drosophila</i> , toll is required for the anti-fungal response, while the related 18-wheeler is involved in antibacterial defences. In mammals, TLR identified as type I transmembrane signalling receptors with pattern recognition capabilities, have been implicated in the innate host defence to pathogens. As investigated so far all functional characterized TLR signal via the TLR/IL-1 receptor (IL-1R) pathway where recruitment of MyD88 seems to be essential. In contrast to cell-wall components, bacterial DNA is probably invisible for immune cells until DNA is liberated during processes taking place in the endosomal/lysosomal compartment where intracellular TLR9 recruits MyD88 to initiate signal transduction.		
Concentration:	0.1 mg/ml		
UniProt ID:	O15455		
Specificity:	TLR3		
Host:	Mouse		
Isotype:	IgG1		
Clone:	TLR3.7		
Conjugate:	Biotin		
Formulation:	Purified antibody conjugated to biotin in PBS with 0.1% BSA		
Applications:	WB, FC, IP, IF, IHC, Functional studies, typical starting dilution 1:50		
Storage & Stability:	Store at 2-8°C up to 1 year.		

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