

TLR3

Mouse Anti-Human Toll-like receptor 3 Clone TLR 3.7 Biotin mAb

Catalog No.	MON3068B	Quantity:	50 µg
Alternate Names:	CD283		
Description:	<p>The monoclonal antibody TLR3.7 reacts with Toll-like receptors (TLR) 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.</p> <p>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.</p> <p>Viral replication within infected cells results in generation of dsRNA which can stimulate immune cells. Recent data show that TLR3 acts as a receptor involved in the recognition of dsRNA, indicating a role for TLR3 in viral recognition and innate defence.</p> <p>The monoclonal antibody is cross reactive with canine TLR3</p>		
Gene ID:	7098		
Host:	Mouse		
Isotype:	IgG1		
Clone:	TLR3.7		
Formulation:	<p>0.5 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin.</p> <p>Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.</p>		
Applications:	The monoclonal antibody can be used for intra cellular flow cytometry and Western blotting (non-reduced).		
Application Notes:	For flow cytometry and Western blotting dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.		
Storage & Stability:	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.		

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



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com