

TLR9

Mouse Anti-Human Toll-like Receptor 9 (Clone 5G5) mAb, Biotin

Catalog No.	MON2093B	Quantity:	50 µg
Alternate Names:	Toll-like receptor 9, CD289		
Description:	<p>MON 2093B recognizes human Toll-like receptor 9. Toll-like receptors (TLRs) are highly conserved from Drosophila to humans and share structural and functional similarities. TLRs constitute of a family of pattern recognition receptors (PRRs) that mediate cellular responses to a large variety of pathogens (viruses, bacteria, and parasites) by specific recognition of so called 'pathogen-associated molecular patterns'. Activation of TLRs, a family of at least 11 different members that function either as homo- or heterodimers, leads to activation of NFκB-dependent and IFN regulatory factor-dependent signaling pathways. TLRs have a central role in innate immunity and are also required for the development of an adaptive immune response. TLRs are expressed by various cells of the immune system, such as macrophages and dendritic cells. They recognize and respond to molecules derived from bacterial, viral and fungal pathogens.</p>		
Concentration:	0.1 mg/ml		
Uniprot ID:	Q9NR96		
Specificity:	TLR9		
Host:	Mouse		
Immunogen:	Purified fusion protein of extracellular domain of human TLR (aa1-815) and human IgGFc		
Isotype:	IgG2a		
Clone:	5G5		
Conjugate:	Biotin		
Formulation:	Purified antibody in PBS containing 0.1% bovine serum albumin and 0.02% sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Cross-Reactivity:	Cross reactive with mouse TLR9.		
Applications:	The monoclonal antibody can be used for flow cytometry, Western blotting and immuno assays as detection antibody. Furthermore the antibody is useful for immunohistology on frozen and paraffin sections. The monoclonal antibody stains RAW macrophages and TLR9 transfected HEK293 cells.		
Storage & Stability:	Store in the dark at 2-8°C until expiration date.		



cellsciences.com

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



Cell Sciences®
65 Parker Street
Unit 11
Newburyport, MA 01950

Toll Free: 888-769-1246
Phone: 978-572-1070
Fax: 978-992-0298

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