

TLR9

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

Catalog No.	MON2093	Quantity:	100 µg
Alternate Names:	Toll-like receptor 9, CD289		
Description:	<p>MON 2093 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		
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:	WB, IP, FC, IHC, ELISA		
Storage & Stability:	Store at 2-8°C until expiration date.		

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



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