



Anti-TLR2 monoclonal antibody, clone UT3/27 (DCABH-1036)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to TLR2
Antigen Description	Cooperates with LY96 to mediate the innate immune response to bacterial lipoproteins and other microbial cell wall components. Cooperates with TLR1 to mediate the innate immune response to bacterial lipoproteins or lipopeptides. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. May also promote apoptosis in response to lipoproteins. Recognizes mycoplasmal macrophage-activating lipopeptide-2kD (MALP-2), soluble tuberculosis factor (STF), phenol-soluble modulin (PSM) and B.burgdorferi outer surface protein A lipoprotein (OspA-L) cooperatively with TLR6.
Immunogen	Human Beta1 Integrin, the Beta1 chain of the Beta1 integrin heterodimer.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	UT3/27
Purification	This antibody was purified from Mouse ascites fluid, provided in low endotoxin, preservative and carrier protein-free PBS.
Conjugate	Functional Grade
Applications	Blocking, WB, ELISA, IHC-Fr, IP, Flow Cyt
Format	Liquid
Size	200 µg

Buffer	Constituent: 99% PBS
Preservative	None
Storage	Store at -20°C.

GENE INFORMATION

Gene Name	TLR2 toll-like receptor 2 [Homo sapiens]
Official Symbol	TLR2
Synonyms	TLR2; toll-like receptor 2; CD282; TIL4; toll/interleukin 1 receptor-like 4; toll/interleukin-1 receptor-like protein 4;
Entrez Gene ID	7097
Protein Refseq	NP_003255
UniProt ID	B3KWR9
Chromosome Location	4q32
Pathway	Activated TLR4 signalling, organism-specific biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Beta defensins, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Defensins, organism-specific biosystem;
Function	Gram-positive bacterial cell surface binding; lipopolysaccharide receptor activity; pattern recognition receptor activity; peptidoglycan binding; protein binding; protein heterodimerization activity; receptor activity; transmembrane signaling receptor act