



Anti-TLR2 monoclonal antibody, clone UM3.2 [APC] (DCABH-5067)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to TLR2, prediluted (Allophycocyanin)
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 TLR2
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	UM3.2
Conjugate	APC
Applications	Flow Cyt
Positive Control	Human peripheral blood leukocytes
Format	Prediluted
Size	50 tests
Buffer	pH: 7.20; Preservative: 0.09% Sodium azide; Constituents: 99% PBS, 0.2% BSA

Preservative	0.09% Sodium Azide
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Storage	Store at +4°C.
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GENE INFORMATION

Gene Name	TLR2 toll-like receptor 2 [Homo sapiens]
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Official Symbol	TLR2
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Synonyms	TLR2; toll-like receptor 2; CD282; TIL4; toll/interleukin 1 receptor-like 4; toll/interleukin-1 receptor-like protein 4;
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Entrez Gene ID	7097
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Protein Refseq	NP_003255
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UniProt ID	B3KWR9
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Chromosome Location	4q32
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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;
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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
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