



Anti-TLR2 monoclonal antibody, clone 7D3 (CABT-37279RM)

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

PRODUCT INFORMATION

Product Overview	Rat monoclonal antibody to Mouse TLR2.
Antigen Description	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and fun
Immunogen	CHO cells expressing mouse TLR2.
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Mouse
Clone	7D3
Purification	Protein A purified
Conjugate	Unconjugated
Applications	FC, ICC/IF, IP
Sequence Similarities	Belongs to the Toll-like receptor family.Contains 14 LRR (leucine-rich) repeats.Contains 1 TIR domain.
Format	Liquid
Concentration	0.100 mg/ml
Size	50 µg

Buffer	Preservative: 0.02% Sodium AzideConstituents: 0.1% BSA, PBS
Preservative	0.02% Sodium Azide
Storage	Store at +4°C.

GENE INFORMATION

Gene Name	Tlr2 toll-like receptor 2 [Mus musculus]
Official Symbol	TLR2
Synonyms	TLR2; toll-like receptor 2; CD282; CD282 antigen; TIL 4; TIL4; TLR 2; TLR2; TLR2_HUMAN; Toll like receptor 2; Toll like receptor 2 precursor; Toll-like receptor 2; Toll/interleukin 1 receptor like 4; Toll/interleukin 1 receptor like protein 4; Toll/interleukin receptor like protein 4; Toll/interleukin-1 receptor-like protein 4; Ly105;
Entrez Gene ID	24088
Protein Refseq	NP_036035
UniProt ID	G3X8Y8
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Legionellosis, organism-specific biosystem; Legionellosis, conserved biosystem; Leishmaniasis
Function	Gram-positive bacterial cell surface binding; diacyl lipopeptide binding; lipoteichoic acid binding; pattern recognition receptor activity; peptidoglycan binding; protein binding; protein heterodimerization activity; protein heterodimerization activity; r