

TLR7 Antibody FITC Conjugated

Catalog No: #C06504F

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Description

Product Name	TLR7 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 500-550 1049 derived from human TLR7
Conjugates	FITC
Target Name	TLR7
Other Names	TLR7-like; Toll-like receptor 7; TLR7; UNQ248 PRO285
Accession No.	Swiss-Prot#Q99NYK1NCBI Gene ID51284
Uniprot	Q99NYK1
GeneID	51284;
Excitation Emission	494nm 518nm
Cell Localization	Intracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

Background

Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR7 is a nucleotide-sensing TLR which is activated by single-stranded RNA. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response (By similarity).

Note: This product is for in vitro research use only