

TLR7 Monoclonal Antibody (4F4)

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Pig
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	4F4
Conjugate	Unconjugated
Immunogen	Recombinant human TLR7 (aa451-500) purified from E. coli
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS, pH 7.4, with 10% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_935719

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	-	1 Publication
ELISA (ELISA)	Assay-dependent	1 Publication

Product Specific Information

In Western blot, this antibody detects a band at ~121 kDa in Ramos cell lysate.

Mouse anti Human TLR7 antibody, clone 4F4 recognizes human TLR7 (toll-like receptor 7), a 121 kDa type I transmembrane protein belonging to the toll-like receptor (TLR) family.

Immunohistochemistry (1)

Cytokine	Year 2006
Production of tumor necrosis factor-alpha from porcine nucleus pulposus cells at various time points in cell culture under conditions of nutritional deficiency.	Species Pig
"MA1-81963 was used in immunohistochemistry to investigate the changes of tumor necrosis factor alpha expression in pigs under starvation conditions"	Dilution 1:100
Authors: Murata Y,Olmarker K,Larsson K,Takahashi K,Rydevik B	

Immunocytochemistry (1)

Infection and immunity	Year 1997
Cellular changes and cytokine expression in the ilea of gnotobiotic piglets resulting from peroral Salmonella typhimurium challenge.	Species Pig
"MA1-81963 was used in immunocytochemistry to investigate the changes of cytokine gene expression in piglets infected with Salmonella typhimurium"	
Authors: Trebichavský I,Dlabac V,Reháková Z,Zahradnicková M,Spíchal I	

ELISA (1)

Veterinary research	Year 2002
Detection of monokines in paraffin-embedded tissues of pigs using polyclonal antibodies.	Species Pig
"MA1-81963 was used in ELISA to investigate the reliability of antibodies for the measurement of monokines in paraffin-embedded pig tissues"	
Authors: Salguero FJ,Mekonnen T,Ruiz-Villamor E,Sánchez-Cordón PJ,Gómez-Villamandos JC	

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