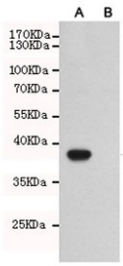
TLR7 Antibody [clone 3F11-2C9-D8] (F54019)

Catalog No.	Formulation	Size
F54019-0.1ML	In PBS with 50% glycerol and 0.03% ProClin 300	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	3F11-2C9-D8
Purity	Protein G affinity
UniProt	Q9NYK1
Applications	Western blot: 1:1000
Limitations	This TLR7 antibody is available for research use only.



Western blot testing of A) CHO-K1 cells transfected with a partial TLR7 protein and B) untransfected CHO-K1 cell lysate using TLR7 antibody at 1:2000. Expected size of the partial protein ~40 kDa.

Description

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. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the TLR7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A human recombinant partial protein was used as the immunogen for this TLR7 antibody.

Storage

Store the TLR7 antibody at -20oC.

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