

TLR9 Polyclonal Antibody

CATALOG #:	3559R-100
AMOUNT:	100 µg
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 931 of mouse TLR9 (Internal ID# BV-D93)
SPECIES REACTIVITY:	Tested in Human

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.5 mM EDTA and 0.03% Proclin.

STORAGE CONDITIONS: Aliquot and store at -20 °C to -80 °C. Avoid repeated freeze-thaw cycles.

DESCRIPTION:

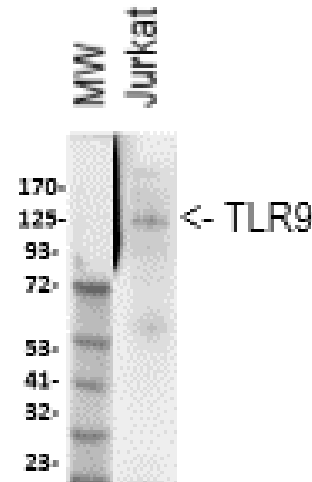
The Toll-like receptor (TLR) family of proteins are characterized by a highly conserved Toll homology (TH) domain, which is essential for Toll-induced signal transduction. TLR9 has been suggested as a receptor for unmethylated CpG dinucleotides in the bacterial DNA. TLR9 is highly expressed in the spleen.

SPECIFICITY:

The antibody recognizes ~113 kDa of full length TLR9 in Jurkat cell lysate. Reactivity to other species has not been tested.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually.



Western blot analysis of TLR9 expression in Jurkat cell lysate using TLR9 Polyclonal Antibody

RELATED PRODUCTS:

- TLR9 Blocking Peptide (Cat. No. 3559RBP)
- TLR5 (Toll-Like Receptor 5) Polyclonal Antibody (Cat. No. 3555)
- TLR3 Polyclonal Antibody (Cat. No. 3445)
- TLR8 Antibody (Clone 44B05) (Cat. No. 3558)
- TLR1 Antibody (Cat. No. 3446)