

TLR9 Polyclonal Antibody

CATALOG #:	3559R-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 931 of mouse TLR9 (Internal ID# BV-D93).
SPECIES REACTIVITY:	Human, Mouse, Rat, Pig

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, and 0.01% thimerosal.

STORAGE CONDITIONS: Store at -20°C. For long term storage, store at -70°C.

DESCRIPTION:

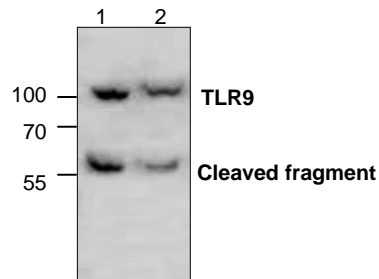
The Toll-like receptor (TLR) family of proteins are characterized by a highly conserved Toll homology (TH) domain, which is essential for Toll-induced signal transduction. TLR9 has been suggested as a receptor for unmethylated CpG dinucleotides in the bacterial DNA. TLR9 is highly expressed in the spleen.

SPECIFICITY:

The antibody recognizes ~113 kDa of full length and the 65 kDa cleaved fragment 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. Blocking peptide (Cat.# 3559RBP-50) is available separately.



Cat.#: 3559R-100
Western blot analysis of TLR9 expression in Jurkat cell lysate (Lane 1&2).

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