

TLR8 Polyclonal Antibody

CATALOG #:	3558R-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide surrounding amino acid 942 of mouse TLR8 (Internal ID# BV-D88G).
SPECIES REACTIVITY:	human, mouse, rat

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:

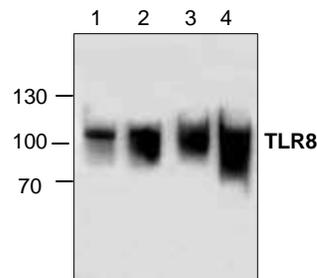
The Toll-like receptor (TLR) family in mammalian comprises a family of transmembrane proteins characterized by multiple copies of leucine rich repeats in the extracellular domain and IL-1 receptor motif in the cytoplasmic domain. Up-to-date, ten TLRs (TLR1-10) have been described. TLR8 gene contains three exons, two of which have coding function. Expression of TLR receptors is highest in peripheral blood leukocytes, macrophages, and monocytes.

SPECIFICITY:

The antibody recognizes ~120 kDa TLR8 in samples from human, mouse and rat origins. 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.# 3558RBP-50) is available separately.



Cat. #: 3558R-100

Western blot analysis of TLR8 in lysates from Jurkat cells (Lane 1 & 2), 3T3 cells (Lane 3), and rat kidney (Lane 4).

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