

Rabbit Anti-TLR11/Cy5 Conjugated antibody

SL2694R-Cy5

Product Name	Anti-TLR11/Cy5
Chinese Name	Cy5 标记的 Toll 样受体 11 抗体
Alias	Toll like receptor 11; Gm287; MGC129352; MGC129353; RGD1564460; TLR11_MOUSE.
Research Area	immunology The cell membrane 受体
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Mouse,Rat,Horse,Rabbit)
Applications	ICC/IF=1:50-200,IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	99kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from mouse TLR11
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: Toll like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. These proteins act through adaptor molecules such as MyD88 and TIRAP to activate various kinases and transcription factors. TLR11 is one of three mouse TLRs that lack a human ortholog. It is activated specifically by uropathogenic bacteria, and mice lacking TLR11 showed a much greater susceptibility to uropathogenic

infections, indicating a potentially important role for TLR11 in preventing infections in the urogenital system.

Function:

Participates in the innate immune response to microbial agents. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

Subunit:

Binds MYD88 via their respective TIR domains. Interacts with HSP90B1; this interaction is required for proper folding in the endoplasmic reticulum.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Similarity:

Belongs to the Toll-like receptor family.
Contains 10 LRR (leucine-rich) repeats.
Contains 1 TIR domain.

Database links:

[Entrez Gene: 239081](#) Mouse

[SwissProt: Q6R5P0](#) Mouse

[Unigene: 291512](#) Mouse

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.