

## ARG59502 anti-TLR8 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes TLR8
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TLR8
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 849-1041 of Human TLR8 (NP_619542.1).
Conjugation	Un-conjugated
Alternate Names	CD288; CD antigen CD288; Toll-like receptor 8

### Application Instructions

Predict Reactivity Note	Human								
Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>ICC/IF</td><td>1:50 - 1:200</td></tr> <tr> <td>IHC-P</td><td>1:50 - 1:200</td></tr> <tr> <td>WB</td><td>1:500 - 1:2000</td></tr> </table>	Application	Dilution	ICC/IF	1:50 - 1:200	IHC-P	1:50 - 1:200	WB	1:500 - 1:2000
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IHC-P	1:50 - 1:200								
WB	1:500 - 1:2000								
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.								
Positive Control	Mouse liver								
Observed Size	115 kDa								

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

Gene Symbol	TLR8
Gene Full Name	toll-like receptor 8
Background	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from <i>Drosophila</i> to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is predominantly expressed in lung and peripheral blood leukocytes, and lies in close proximity to another family member, TLR7, on chromosome X. [provided by RefSeq, Jul 2008]
Function	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. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. [UniProt]
Calculated Mw	120 kDa
Cellular Localization	Membrane; Single-pass type I membrane protein. [UniProt]

## Images



ARG59502 anti-TLR8 antibody WB image

Western blot: 25 µg of Mouse liver lysate stained with ARG59502 anti-TLR8 antibody at 1:1000 dilution.