



# Anti-TLR2 polyclonal antibody [FITC] (CABT-B8890)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human TLR2
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Sheep
<b>Purification</b>	Affinity purified by Protein A
<b>Conjugate</b>	FITC
<b>Applications</b>	FC
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Preservative</b>	None
<b>Storage</b>	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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

## BACKGROUND

**Introduction** 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 *Drosophila* 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 expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">24088</a>
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UniProt ID	<a href="#">G3X8Y8</a>
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