

Product datasheet

Anti-TLR5 antibody ab1654

3 References 1 Image

Overview

Product name	Anti-TLR5 antibody
Description	Goat polyclonal to TLR5
Host species	Goat
Specificity	Peptide sequence is < 50 % identical to other human TLR receptors in this region.
Tested applications	Suitable for: WB, ELISA, ICC, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide: DLSKNQIRSLYLHPSFGKLNLSKSIDFSSNQ , corresponding to amino acids 151-181 of Human TLR5. Run BLAST with Run BLAST with
Positive control	Human spleen sections or human peripheral blood.
General notes	Receptors for the C - C chemokine family include CCR 1, CCR 2A, CCR 3, CCR 4, CCR 5 and the Duffy blood group antigen. The C C receptors are important in the function of T cell chemotaxis and migration of phagocytic cells to sites of inflammation.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: 0.1% BSA
Purity	Immunogen affinity purified
Primary antibody notes	Receptors for the C - C chemokine family include CCR 1, CCR 2A, CCR 3, CCR 4, CCR 5 and the Duffy blood group antigen. The C C receptors are important in the function of T cell chemotaxis and migration of phagocytic cells to sites of inflammation.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab1654** in the following tested applications.

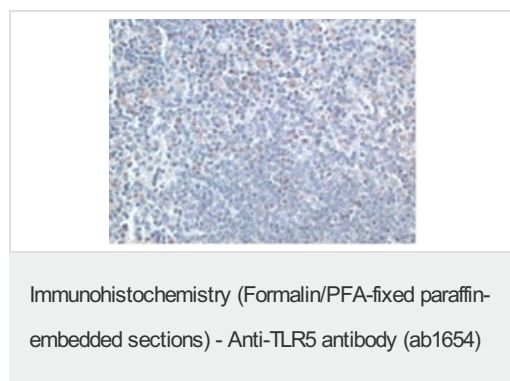
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100.
ELISA		1/75000.
ICC		1/500.
IHC-P		1/250.

Target

Function	Participates in the innate immune response to microbial agents. Mediates detection of bacterial flagellins. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
Tissue specificity	Highly expressed in ovary and in peripheral blood leukocytes, especially in monocytes, less in CD11c+ immature dendritic cells. Also detected in prostate and testis.
Involvement in disease	Systemic lupus erythematosus 1
Sequence similarities	Belongs to the Toll-like receptor family. Contains 22 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 TIR domain.
Post-translational modifications	Phosphorylated at Ser-805 by PKD/PRKD1; phosphorylation induces the production of inflammatory cytokines. Phosphorylated at Tyr-798 upon flagellin binding; required for signaling.
Cellular localization	Membrane.

Images



Immunohistochemistry with ab1654 on paraffin section of human spleen

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