

ARG45113 anti-TLR6 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes TLR6
Tested Reactivity	Hu
Tested Application	ICC/IF
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	TLR6
Species	Human
Immunogen	Synthetic peptide corresponding to C-terminus of Human TLR6 protein.
Conjugation	Un-conjugated
Alternate Names	CD286; toll-like receptor 6; TLR6

Application Instructions

Application table	Application	Dilution
	ICC/IF	10 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

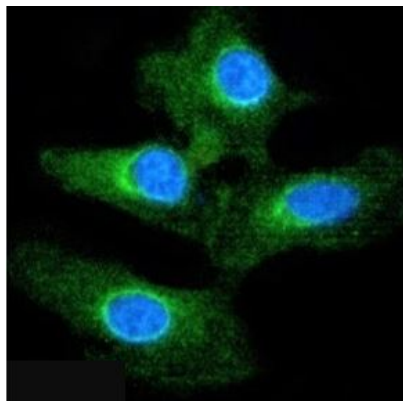
Properties

Form	Liquid
Purification	Affinity purified
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
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 or below. 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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	TLR6
Gene Full Name	Toll-like receptor (TLR)
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 receptor functionally interacts with toll-like receptor 2 to mediate cellular response to bacterial lipoproteins. A Ser249Pro polymorphism in the extracellular domain of the encoded protein may be associated with an increased of asthma in some populations.[provided by RefSeq, Jan 2011]
Function	Participates in the innate immune response to Gram-positive bacteria and fungi. Specifically recognizes diacylated and, to a lesser extent, triacylated lipopeptides. In response to diacylated lipopeptides, forms the activation cluster TLR2:TLR6:CD14:CD36, this cluster triggers signaling from the cell surface and subsequently is targeted to the Golgi in a lipid-raft dependent pathway. [UniProt]
Cellular Localization	Cell membrane. Cytoplasmic vesicle, phagosome membrane, Membrane raft, Golgi apparatus [UniProt]

Images



ARG45113 anti-TLR6 antibody ICC/IF

Immunofluorescence: A549 cells stained with ARG45113 anti-TLR6 antibody at 10µg/ml dilution.
