

产品概述

产品名 (Product Name)	Anti TLR4 polyclonal antibody
货号 (Catalog No.)	ATP106
种类 (Category)	Primary antibody
宿主 (Host)	Rabbit
反应种属 (Species specificity)	Human, other species was not test
应用实验 (Tested applications)	ICC:1:50~200, IHC:1:50~100
克隆性 (Clonality)	Polyclonal
偶连物 (Conjugation)	Unconjugated
免疫原 (Immunogen)	Recombinant protein of human TLR4(Glu24-Lys631).
别名	ARMD10, CD284, CD284 antigen, Homolog of Drosophila toll, hToll, TLR 4, TLR4, TLR4_HUMAN, TOLL, Toll like receptor 4, Toll-like receptor 4
Uniprot ID	O00206

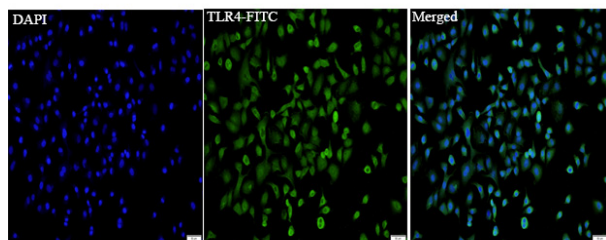
产品性能

状态 (Form)	Liquid
储存溶液 (Buffer)	PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.
存放条件 (Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4°C for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
浓度 (Concentration)	0.59mg/ml
亚型 (Isotype)	IgG
分子量 (MW)	96kDa
纯化方式 (Purity)	Antigen affinity purification

应用

ICC, IHC

产品实验图片



Immunofluorescent analysis of A549 cells using TLR4 antibody at dilution of 1:100 and Alexa Fluor-488 conjugated Affinipure Goat anti rabbit IgG(H+L).

产品背景

TLR4, also named as CD284, belongs to the Toll-like receptor family. TLR4 interacts with LY96 and CD14 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). TLR4 acts via MYD88, TIRAP and TRAF6, leading to NF- κ B activation, cytokine secretion and the inflammatory response. Three alternatively spliced transcript variants that encode different protein isoforms have been described. The calculated molecular weights of the three TLR4 isoforms are 96, 91, and 73 kDa.