Anti-TLR3 antibody

Cat. No.	ml221757
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-TLR3 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human TLR3
Reactivity	Human
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	TLR3
Full name	toll-like receptor 3
Synonyms	CD283; IIAE2
Swissprot	O15455

Target 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 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 receptor is most abundantly expressed in placenta and pancreas, and is restricted to the dendritic subpopulation of the leukocytes. It recognizes dsRNA associated with viral infection, and induces the activation of NF-kappaB and the production of type I interferons.
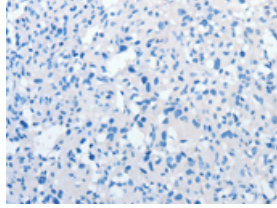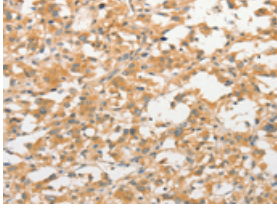
Applications

Immunohistochemistry

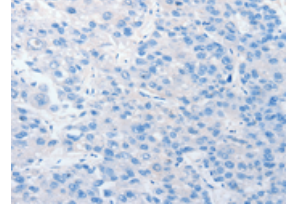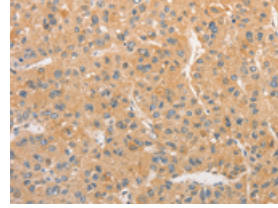|	
Predicted cell location: Cytoplasm	Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer	Positive control: Human liver cancer
Recommended dilution: 50-200	Recommended dilution: 50-200

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml221757(TLR3 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml221757(TLR3 Antibody) at dilution 1/40, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 1000-5000

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