

Toll-Like Receptor 3 Antibody

Cat. No.:	HY-P80917
Synonyms:	Toll-Like Receptor 3 Antibody is a non-conjugated and Mouse originated monoclonal antibody about 105 kDa, targeting to Toll-Like Receptor 3 . It can be used for WB, IHC-P, IHC-F, IF, ELISA assays with tag free, in the background of Human, Mouse, Rat.
Host:	Rabbit
Reactivity:	Human, Mouse, Rat
Conjugation:	Non-conjugated
SwissProt ID:	O15455
Research Field:	Immunology
Molecular Weight:	Predicted band size: 105 kDa;Observed band size: 130 kDa

PROPERTIES

Formulation	Supplied in 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-2000
	IHC-P	1:100-500
	IHC-F	1:100-500
	IF	1:100-500
	ELISA	1:5000-10000
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>Toll-Like Receptor 3 (2F10): 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. It thus plays a role in host defense against multiple viruses. [provided by RefSeq, Jul 2021]</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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