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Datasheet for ABIN5564256 anti-TLR10 antibody (AA 100-369)



Overview

Quantity:	100 µg
Target:	TLR10
Binding Specificity:	AA 100-369
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TLR10 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant human TLR10 protein (aa 100-369).
Clone:	ABM3C85
Isotype:	lgG2a
Cross-Reactivity:	Human
Purification:	Protein G purified.

Target Details

Target:	TLR10
Alternative Name:	TLR10 (TLR10 Products)
Background:	TLR10 (Toll-like Receptor10) is an orphan member of the TLR family and is the only pattern-

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	recognition receptor without known ligand specificity and biological function. TLR10 is
	predominantly expressed in tissues rich in immune cells, such as spleen, lymph node, thymus,
	tonsil, and lung. This protein plays a role in innate immune responses following viral infection.
	Influenza virus infection increased TLR10 expression and TLR10 contributed to innate immune
	sensing of viral infection leading to cytokine induction, including proinflammatory cytokines and
	interferons. Blocking TLR10 by antagonistic antibodies enhanced proinflammatory cytokine
	production, including IL-1beta specifically after exposure to TLR2 ligands. Like TLR1 and TLR6,
	TLR10 has also been shown to form a heterodimer complex with TLR2 during Helicobacter
	pylori infection and that it could be involved in the recognition of FSL-1, LPS and flagellin. TLR10
	is an important innate immune sensor of viral infection with a role in innate immune defense
	and immunopathology following viral and bacterial pathogen infection.
Pathways:	TLR Signaling, Activation of Innate immune Response, Toll-Like Receptors Cascades

Application Details

Restrictions:

For Research Use only

Handling

3	
Format:	Liquid
Concentration:	Lot specific
Buffer:	In PBS containing 0.05 % BSA and 0.05 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 1 year after receipt when stored at -20°C. Stable for at least 6 months after receipt when stored at +4°C.
Expiry Date:	12 months

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