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Datasheet for ABIN7428770

# anti-TLR2 antibody (AA 21-588)





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Quantity:	100 μL	
Target:	TLR2	
Binding Specificity:	AA 21-588	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This TLR2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)	

#### **Product Details**

Purpose:	Monoclonal Antibody to Toll Like Receptor 2 (TLR2)	
Immunogen:	Recombinant Toll Like Receptor 2 (TLR2) corresdonding to Glu21~Thr588 with N-terminal His Tag	
Clone:	C3	
Isotype:	IgG1 kappa	
Specificity:	The antibody is a mouse monoclonal antibody raised against TLR2. It has been selected for its ability to recognize TLR2 in immunohistochemical staining and western blotting.	
Purification:	Protein A + Protein G affinity chromatography	

## **Target Details**

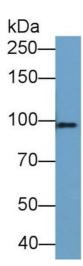
Target:	TLR2	
Alternative Name:	Toll Like Receptor 2 (TLR2 Products)	
Background:	CD282, TIL4, Toll/interleukin-1 receptor-like protein 4	
Pathways:	TLR Signaling, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Toll-Like Receptors Cascades	

## Application Details

Application Notes:	Western blotting: 0.5-2 μg/mL	
	1:500-2000 Immunohistochemistry: 5-20 μg/mL	
	1:50-200 Immunocytochemistry: 5-20 µg/mL	
	1:50-200 Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated	
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious	
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
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## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### **Western Blotting**

**Image 1.** Detection of TLR2 in Human Milk using Monoclonal Antibody to Toll Like Receptor 2 (TLR2)