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Datasheet for ABIN7428071  
**anti-TLR1 antibody (AA 114-339)**

3 Images

### Overview

Quantity:	100 µL
Target:	TLR1
Binding Specificity:	AA 114-339
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TLR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Monoclonal Antibody to Toll Like Receptor 1 (TLR1)
Immunogen:	Recombinant Toll Like Receptor 1 (TLR1) corresponding to Val114~Val339 (Accession # Q15399)
Clone:	8-3#
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against TLR1. It has been selected for its ability to recognize TLR1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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Target:	TLR1
Alternative Name:	Toll Like Receptor 1 ( <a href="#">TLR1 Products</a> )
Background:	CD281, TIL, Rsc786, Toll/interleukin-1 receptor-like protein
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Toll-Like Receptors Cascades</a>

## Application Details

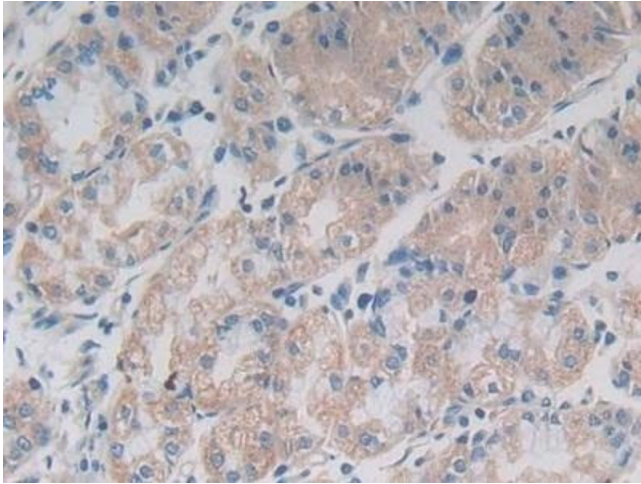
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate 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

## Handling

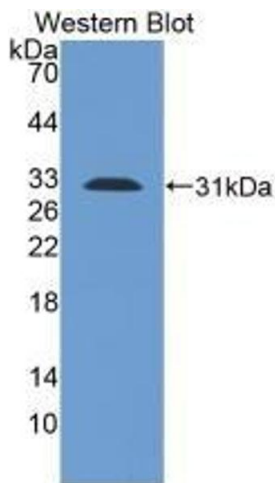
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Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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



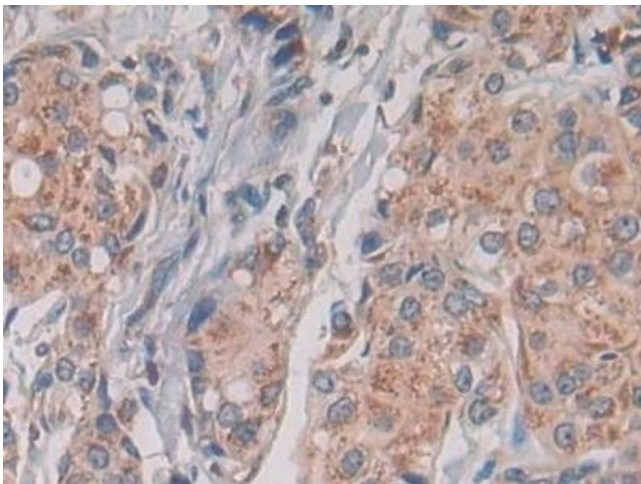
### Immunohistochemistry

**Image 1.** Detection of TLR1 in Human Stomach Tissue using Monoclonal Antibody to Toll Like Receptor 1 (TLR1)



### Western Blotting

**Image 2.** Detection of Recombinant TLR1, Human using Monoclonal Antibody to Toll Like Receptor 1 (TLR1)



### Immunohistochemistry

**Image 3.** Detection of TLR1 in Human Breast cancer Tissue using Monoclonal Antibody to Toll Like Receptor 1 (TLR1)