

Datasheet for ABIN7426937
anti-TLR2 antibody (AA 47-245)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TLR2
Binding Specificity:	AA 47-245
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) corresponding to Pro47~Gly245 with N-terminal His Tag
Clone:	1#
Isotype:	IgG
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.
Cross-Reactivity:	Pig, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

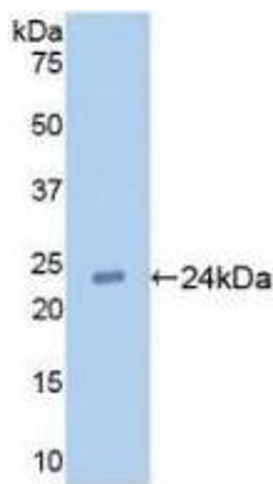
Target:	TLR2
Alternative Name:	Toll Like Receptor 2 (TLR2 Products)
Background:	CD282, TIL4, Toll/interleukin-1 receptor-like protein 4
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process ,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

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 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

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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 Recombinant TLR2, Human using Monoclonal Antibody to Toll Like Receptor 2 (TLR2)