

# TLR2 Monoclonal Antibody (11G5)

## Product Details

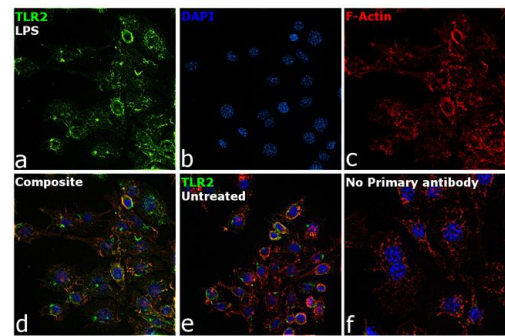
Size	100 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	11G5
Conjugate	Unconjugated
Immunogen	A portion of amino acids 400-450 of murine TLR2
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2537777

Applications	Tested Dilution	Publications
Western Blot (WB)	4-6 µg/mL	-
Immunocytochemistry (ICC/IF)	1:100	-
Flow Cytometry (Flow)	2.5 µg per million cells	-

## Product Specific Information

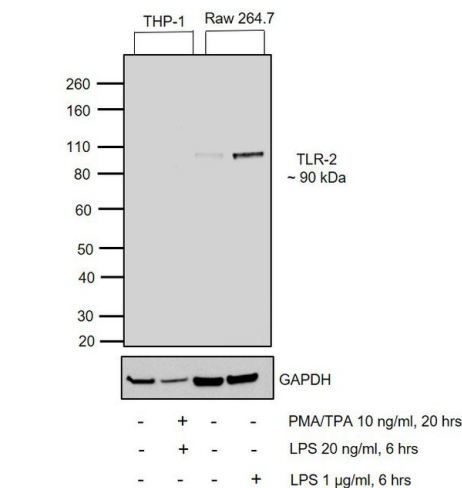
This monoclonal antibody only very weakly detects human TLR2 in Ramos cell lysate and is not recommended for human sample testing.

Product Images For TLR2 Monoclonal Antibody (11G5)



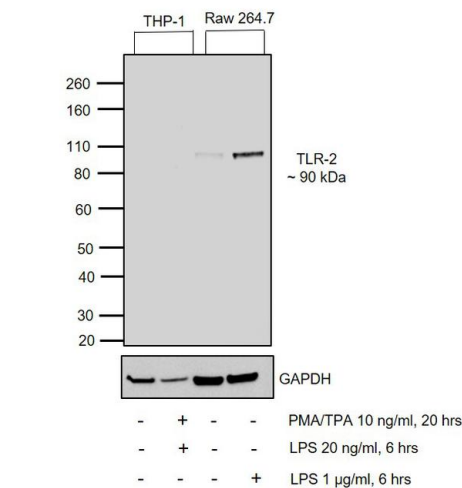
TLR2 Antibody (MA5-16260)

Altered expression of target protein upon cell treatment demonstrates antibody specificity. Immunofluorescence analysis of TLR2 using TLR2 Monoclonal Antibody (Product # MA5-16260) shows increased expression of TLR2 protein in Raw 264.7 cell line upon treatment with LPS in membrane lipid rafts. {TM}



TLR2 Antibody (MA5-16260) in WB

Western blot was performed using Anti-TLR2 Rat Monoclonal Antibody (Product # MA5-16260) and a 90 kDa band corresponding to TLR2 was observed in mouse Raw 264.7 cell line tested and not in human THP-1 cell line. Membrane enriched extracts (30 µg lysate) of THP-1 (Lane 1), THP-1 treated with 10 ng/mL PMA for 20 hours and 20 ng/mL LPS for 6 hours (Lane 2), Raw 264.7 (Lane 3) and Raw 264.7 treated with 1 µg/mL LPS for 6 hours were electrophoresed using Novex® NuPAGE® 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (5 µg/mL) and detected by chemiluminescence with F(ab)2-Rabbit anti-Rat IgG (H+L) Secondary Antibody, HRP (Product # PA1-29927, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



TLR2 Antibody (MA5-16260)

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