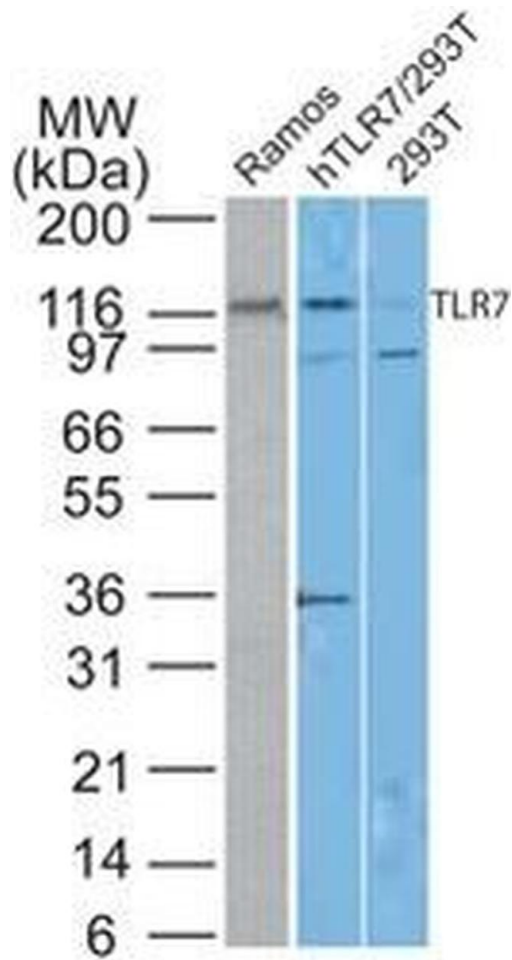


TLR7 Monoclonal Antibody (4G6)

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	4G6
Conjugate	Unconjugated
Immunogen	Synthetic peptide (277 amino acid (AA 562- 839)) of TLR7 protein.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2537765

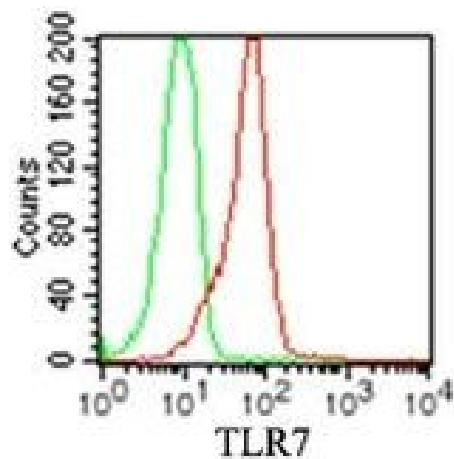
Applications	Tested Dilution	Publications
Western Blot (WB)	10 µg/mL	-
Immunocytochemistry (ICC/IF)	1:500-1:5,000	1 Publication
Flow Cytometry (Flow)	1-2 µg/1x10 ⁶ cells	2 Publications

Product Images For TLR7 Monoclonal Antibody (4G6)



TLR7 Antibody (MA5-16247) in WB

Western blot analysis of TLR7 in Ramos and transfected 293T lysate using a TLR7 monoclonal antibody (Product # MA5-16247) at 10 µg/mL.



TLR7 Antibody (MA5-16247) in Flow

Flow cytometric analysis of TLR7 in human monocytes using 2 µg of TLR7 monoclonal antibody (Product # MA5-16247) (red) and 2 µg of mouse IgG1 isotype control antibody (green). anti-mouse IgG PE conjugated secondary antibody.

Immunocytochemistry (1)

<p>Frontiers in immunology</p> <p>Extracellular miR-574-5p Induces Osteoclast Differentiation via TLR 7/8 in Rheumatoid Arthritis.</p> <p>"MA5-16247 was used in Immunocytochemistry-immunofluorescence to report that sEV from synovial fluid promote osteoclast differentiation which is attributed to high levels of extracellular miR-574-5p."</p> <p>Authors: Hegewald AB,Breitwieser K,Ottinger SM,Mobarrez F,Korotkova M,Rethi B,Jakobsson PJ,Catrina AI,Wähämaa H,Saul MJ</p>	<p>Year 2021</p> <p>Species Human</p> <p>Dilution 1:50</p>
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Flow Cytometry (2)

<p>BMC research notes</p> <p>The expression profile of virus-recognizing toll-like receptors in natural killer cells of Cypriot multiple sclerosis patients.</p> <p>"MA5-16247 was used in Flow Cytometry to study toll-like receptor (TLR) expression in the natural killer cells of patients with multiple sclerosis."</p> <p>Authors: Deeba E,Lambrianides A,Pantzaris M,Krashias G,Christodoulou C</p>	<p>Year 2020</p> <p>Species Human</p>
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<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Age-Specific Adjuvant Synergy: Dual TLR7/8 and Mincle Activation of Human Newborn Dendritic Cells Enables Th1 Polarization.</p> <p>"MA516247 was used in flow cytometry to evaluate combinations of TLR and C-type lectin receptor agonists on the Th1 responses of newborn dendritic cells"</p> <p>Authors: van Haren SD,Dowling DJ,Foppen W,Christensen D,Andersen P,Reed SG,Hershberg RM,Baden LR,Levy O</p>	<p>Year 2016</p> <p>Species Human</p>
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