

# TLR4 Monoclonal Antibody (HTA125)

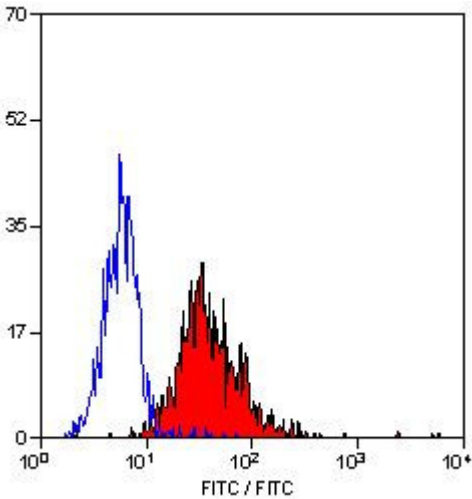
Product Details	
Size	200 µg
Species Reactivity	Dog, Guinea pig, Human, Pig, Rhesus monkey
Published Species	Human
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	HTA125
Conjugate	Unconjugated
Immunogen	Ba/F3 cell line expressing TLR4 (CD284)
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2538211

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:10-1:25	3 Publications
Immunoprecipitation (IP)	Assay-dependent	-
Neutralization (Neu)	-	1 Publication

## Product Specific Information

For FACS analysis, use 10 µL of the suggested working dilution to label 1x10^6 cells in 100 µL.

Product Images For TLR4 Monoclonal Antibody (HTA125)



**TLR4 Antibody (MA5-16719) in Flow**  
Flow cytometry of TLR4 (CD284) in human peripheral blood monocytes. Samples were incubated in TLR4 (CD284) Monoclonal antibody (Product # MA5-16719).

4 References

Flow Cytometry (3)

<p>Journal of leukocyte biology</p> <p><b>The protease inhibitor cystatin C down-regulates the release of IL- and TNF- in lipopolysaccharide activated monocytes.</b></p> <p>"MA516719 was used in flow cytometry to assess the ability of human cystatin C to alter pathogenic activated monocytes and modulate Crohn's disease"</p> <p>Authors: Gren ST,Janciauskiene S,Sandeep S,Jonigk D,Kvist PH,Gerwien JG,Håkansson K,Grip O</p>	<p>Year 2016</p> <p>Species Human</p>
<p>PloS one</p> <p><b>Elevated Toll-Like Receptor-Induced CXCL8 Secretion in Human Blood Basophils from Allergic Donors Is Independent of Toll-Like Receptor Expression Levels.</b></p> <p>"MA516719 was used in flow cytometry to assess expression levels of Toll-like receptor 1, 2, 4 and 6 on purified basophils from birch pollen-, house dust mite-, and non-allergic individuals"</p> <p>Authors: Steiner M,Hawranek T,Schneider M,Ferreira F,Horejs-Hoeck J,Harrer A,Himly M</p>	<p>Year 2016</p> <p>Species Human</p>

[View more Flow references on thermofisher.cn](#)

Neutralization (1)

<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p><b>IFN-gamma primes intact human coronary arteries and cultured coronary smooth muscle cells to double-stranded RNA- and self-RNA-induced inflammatory responses by upregulating TLR3 and melanoma differentiation-associated gene 5.</b></p> <p>"MA5-16719 was used in blocking or activating experiment to investigate the contribution of RNA to the inflammatory milieu of arteriosclerosis"</p> <p>Authors: Ahmad U,Ali R,Lebastchi AH,Qin L,Lo SF,Yakimov AO,Khan SF,Choy JC,Geirsson A,Pober JS,Tellides G</p>	<p>Year 2010</p> <p>Species Human</p>
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