

Product datasheet for **SM1677LE**

TLR4 Mouse Monoclonal Antibody [Clone ID: HTA125]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HTA125
Applications:	FC, FN, IP, WB
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/10-1/25 diluted antibody to label 106 cells or 100 µl whole blood. Immunoprecipitation. Western Blot. Functional Assays.
Reactivity:	Canine, Guinea Pig, Human, Monkey, Porcine
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Ba/F3 cell line expressing TLR4 (CD284). Spleen cells from immunised Balb/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
Specificity:	This antibody recognises the Toll like receptor 4 (TLR4) cell surface antigen. This antibody has been demonstrated to block activation of monocytes with LPS.
Formulation:	PBS State: Low Endotoxin State: Liquid purified IgG fraction Stabilizer: None Preservative: None
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name: toll like receptor 4

Database Link: [Entrez Gene 574360 Monkey](#)[Entrez Gene 7099 Human](#)
[O00206](#)

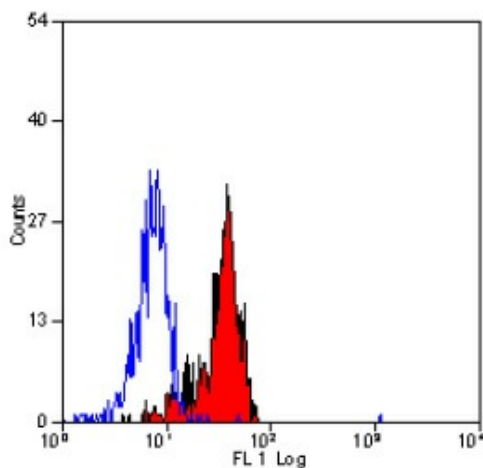
Background: TLR4, also known as CD284, has been demonstrated to act as a receptor for LPS on human monocytes and macrophages. TLR4 signalling of LPS stimulation requires the presence of the MD-2 molecule. TLR4 is weakly expressed by resting cells, but is upregulated following stimulation with LPS.

Synonyms: Toll-like receptor 4

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Pathogenic Escherichia coli infection, Toll-like receptor signaling pathway

Product images:



Staining of Human peripheral blood monocytes with Mouse Anti Human CD284 Antibody Low Endotoxin.