

### 43-1073: Monoclonal Antibody to Human CD284 (TLR4) NALE™ Purified (Clone: HTA125)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HTA125
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	TLR4
<b>Gene ID :</b>	7099
<b>Uniprot ID :</b>	O00206
<b>Alternative Name :</b>	hToll
<b>Isotype :</b>	Mouse IgG2a, kappa

#### Description

The HTA125 monoclonal antibody specifically reacts with human CD284, a 110 kDa type I transmembrane signaling molecule known as the Toll-like Receptor 4 (TLR4). CD284 is an important molecule in the innate immunity response to bacterial lipoproteins. It is expressed by monocytes, macrophages, and endothelial cells. The HTA125 antibody can block Lipopolysaccharide-induced cytokine production and immunoprecipitate human TLR4.

#### Product Info

<b>Amount :</b>	100 µg
<b>Content :</b>	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

#### Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.