

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

Clonality :	Monoclonal
Clone Name :	HTA125
Application :	FACS
Reactivity :	Human
Gene :	TLR4
Gene ID :	7099
Uniprot ID :	O00206
Alternative Name :	hToll
Isotype :	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

Amount :	100 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
Storage condition :	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.