

43-1060: Monoclonal Antibody to Human CD180 (RP-105) NALE™ Purified (Clone: MHR73-11)

Clonality :	Monoclonal
Clone Name :	MHR73-11
Application :	FACS
Reactivity :	Human
Gene :	CD180
Gene ID :	4064
Uniprot ID :	Q99467
Alternative Name :	LY64, RP105, Lymphocyte antigen 64, Radioprotective 105 kDa protein
Isotype :	Mouse IgG1, kappa

Description

The MHR73-11 monoclonal antibody binds to human CD180, a 105 kDa cell surface molecule consisting of extracellular leucine rich repeats (LCC) and a short cytoplasmic tail also known as Bgp-95 and RP105. CD180 is expressed on B cells, dendritic cells, monocytes, and macrophages. It forms a cell surface receptor complex with MD-1 and with TLR4 is involved with the recognition of bacterial lipopolysaccharide (LPS). The MHR73-11 antibody is reported to protect against dexamethasone and irradiation induced apoptosis in B cells.

Product Info

Amount :	100 µg
Purification :	Purified (No Azide Low Endotoxin)
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.

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.