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30-2702: Anti-Hu CD58 Purified

Clone Name :	MEM-63
Application :	FACS
Reactivity :	Pig,Human
Gene ID :	965
Uniprot ID :	P19256
Format :	Purified
Alternative Name :	LFA3, AG3
Isotype :	Mouse IgG1
Immunogen Information :	NALM-6 human pre-B cell line

Description

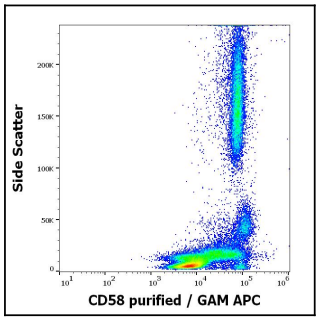
Formulation:Phosphate buffered saline (PBS), pH 8.8, 15 mM sodium azide Specificity :The antibody MEM-63 reacts with CD58 (LFA-3), a 40-70 kDa extracellular membrane glycoprotein distributed over many tissues, leukocytes, erythrocytes, endothelial cells, epithelial cells and fibroblasts. CD58 (LFA-3) is an immunoglobulin family adhesion molecule expressed by both hematopoietic and non-hematopoietic cells (often on antigen presenting cells) and serving as ligand of CD2. This interaction is important for T cell-mediated immunity. CD58 is expressed in transmembrane form and in GPI-anchored form; the later is constitutively associated with protein kinases whereas the transmembrane form activates kinase activity upon triggering. CD58 is a powerful tool for detection of minimal residual disease in acute lymphocytic leukemia, and for evaluation of liver damage related with hepatitis B.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	1 mg/ml Formulation: Phosphate buffered saline (PBS), pH 8.8, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

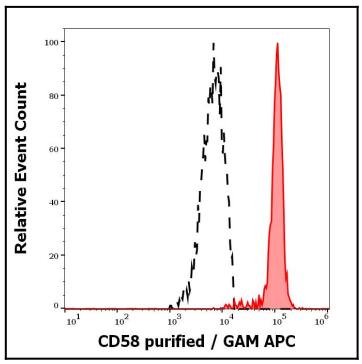
Flow cytometry: Recommended dilution: 1-4 µg/ml. Cold-induced transient opalescent turbidity may appear during the storage at 2 - 8°C. Bring the antibody to room temperature until the turbidity disappears, and mix well before the use.



Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD58 (MEM-63) purified antibody (concentration in sample 1,67 Î¼g/ml, GAM APC).

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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Separation of human monocytes (red-filled) from human CD58 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD58 (MEM-63) purified antibody (concentration in sample 1,67 Î¼g/ml, GAM APC).

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