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ARG62747
anti-CD17 antibody [MEM-68]

Package: 100 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [MEM-68] recognizes CD17
Tested Reactivity	Hu
Tested Application	FACS
Specificity	The clone MEM-68 recognizes CD17, a membrane lipid moiety lactosylceramide expressed on granulocytes, monocytes and platelets.
Host	Mouse
Clonality	Monoclonal
Clone	MEM-68
Isotype	IgM
Target Name	CD17
Immunogen	Pre-B cell line NALM-6
Conjugation	Un-conjugated

Application Instructions

Application table

Application	Dilution
FACS	2 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from ascites by precipitation methods and ion exchange chromatography.
Purity	> 95% (by SDS-PAGE)
Buffer	TBS (pH 8.0) and 15 mM Sodium azide
Preservative	15 mM Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background	CD17, lactosylceramide, is an ubiquitous glycosphingolipid with uncharged disaccharide headgroup, highly enriched in lipid raft-derived structures. Besides playing a pivotal role in the biosynthesis of complex glycosphingilipids, lactosylceramide is involved in cell-cell and cell-matrix interactions and in signaling events linked to cell differentiation, development, apoptosis and oncogenesis. Lactosylceramide regulates integrin functions and production of nitric oxide. Its expression defines successive stages in the maturation of myeloid cells.
Research Area	Cell Biology and Cellular Response antibody; Immune System antibody