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Monoclonal Antibody To Human CD48 Marker For Lymphocytes And Monocytes

Monoclonal antibody MEM-102 recognizes CD48. CD48 is a 40 - 47kD glycoprotein expressed on all lymphocytes and monocytes, but not on neutrophils or platelets. CD48 consists of two extracellular Ig-like domains (non-disulfide bonded V-like and a truncated C2-like domain) linked to the cell membrane via a glycosyl phosphatidylinositol (GPI) anchor. CD48 belongs to the CD2 subset of the Ig superfamily. CD48 has been shown to bind to CD2, albeit with very low affinity.

Product Number:	T-1054
Clone:	MEM-102
Host species, isotype:	Mouse IgG1
Quantity:	200µg
Format:	Diluted ascites, lyophilized Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% sodium azide as a preservative.
Stability:	Original vial: 1 year at 4° - 8°C Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested for immunohistochemistry (IHC); has been described to work in FACS, immunoprecipitation and Western Blots. Approximate working dilution for IHC: Frozen sections: 0.25µg/ml (1:1600) Paraffin sections: does not react on routinely processed pre-treatment. Optimal dilutions should be determined by the end user. Suggested positive control: Human tonsil.
Immunogen:	Human monocytes.
Antigen, epitope:	The antigen is CD48; the epitope has not been further characterized.

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.