

Monoclonal Antibody to Macrophages / Neutrophils - Ig Fraction

Alternate names:	Macrophage marker
Catalog No.:	SM1218
Quantity:	2 ml
Concentration:	2.0 mg/ml
Host / Isotype:	Rat / IgG2b
Clone:	YTH8.18
Immunogen:	Human peripheral blood mononuclear cells. Spleen cells from immunised DA rats were fused with cells of the Y3 Ag1.2.3 rat myeloma cell line.
Format:	State: Liquid Ig fraction Purification: Ammonium sulphate precipitation Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide
Applications:	Immunohistochemistry on Frozen Sections: 1/20. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises all tissue macrophages, binding to a cytoplasmic epitope. In peripheral blood the antibody stains all granulocytes and around 50% of monocytes. No staining of osteoclasts or Langerhan's cells is seen. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Aqel NM, Clark M, Jones DB, Arno J, Waldmann H. Identification of cells of the human mononuclear phagocyte system with rat monoclonal antibodies. J Pathol. 1987 Aug;152(4):265-73. PubMed PMID: 3312545. 2. Aqel NM, Ball RY, Waldmann H, Mitchinson MJ. Identification of macrophages and smooth muscle cells in human atherosclerosis using monoclonal antibodies. J Pathol. 1985 Jul;146(3):197-204. PubMed PMID: 3897495.