

Product datasheet for **TA363850**

Macrophages Mouse Monoclonal Antibody [Clone ID: ED3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ED3
Applications:	IHC
Recommended Dilution:	Tested for immunohistochemistry (IHC); has been described to work in FACS. Approximate working dilution for IHC: Frozen sections: 2µg/ml (1:500) Paraffin sections: not tested. Optimal dilutions should be determined by the end user. Suggested positive control: Rat spleen.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Rat spleen cells.
Specificity:	Rat: macrophages. Other species: not tested

Epitope: ED 3 recognises a membrane protein which is associated with a receptor for glycoconjugates.

Distribution: ED3 recognizes a membrane antigen on macrophages. Bone marrow-derived macrophages stimulated by T-cells are positive with ED 3.

Formulation: Purified, liquid Supplied as a 0.25ml solution This stock solution contains 1mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), no stabilizer and 0.09% sodium azide as a preservative.

Concentration: lot specific

Conjugation: Unconjugated

Storage: Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.

Background: Monoclonal antibody ED 3 is a characteristic marker for tissue fixed macrophage subpopulations, particularly of lymphoid organs (e.g. marginal zone metallophilic macrophages). No other cell types, including monocytes and granulocytes, are positive. Macrophages in autoimmune diseased but not in healthy tissues express the ED3 antigen. The recognised antigen appears to be a receptor for sialylated glycoconjugates



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