

PRODUCT INFORMATION SUMMARY

ANTI-RAT Macrophages

PRODUCT NUMBER MR914420 Purified 0.12 mg

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Mouse monoclonal antibodies specific for RAT tissue macrophages. This antibody recognizes a 90 kDa single-chain glycoprotein that is expressed predominantly on myeloid lysosomal membranes. Weak cell surface expression has also been observed. Found on majority of tissue macrophages and weakly on peripheral blood granulocytes. This antigen is similar to human CD68 and mouse macrosialin.

Immunohistology: reactive in frozen and paraffin-embedded tissue.
Trpsin or Pronase pre-treatment for paraffin sections is recommended.

CLONE:

Anti-Macrophage clone ED1, Ig chain composition: Mouse IgG1
Immunogen: Rat spleen cells

HANDLING AND STORAGE:

All reagents supplied as liquid preparations. Purified antibody should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. All reagents in a liquid state should be stored at 2-8° C when not in use. CAUTION: Contains 0.1% sodium azide.

For long-term storage, freeze small aliquots (unconjugated form only), undiluted. Avoid repeat freeze-thaw cycles. DO NOT freeze conjugates.

PRODUCT USE:

For flow cytometry use 10 uL of direct conjugate, or purified reagent (1-2 ug) per test; For immuno-histochemistry, Purified Anti-Rat Myeloid should be diluted, using enough reagent to cover the tissue section or cytoprep.

As second antibody, use ANTIGENIX goat anti-Mouse Igs (FITC, or PE or Biotin conjugates (cat. #s F200035, F200070, F200065, respectively).

Western blot, immunoprecipitation, RIA have been achieved.

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