



Product Specification Sheet

Mel/Mar/Tyr Biotin[®]

FOR RESEARCH USE ONLY: This product is not for diagnostic or therapeutic use.

CATALOG #: R2106-1

DESCRIPTION: Biotinylated monoclonal antibodies to Mart-1, Melan-A, and Tyrosinase in phosphate buffered saline, protein stabilizers, and sodium azide preservative. Anti-Mart-1 reacts with a human 18kDa protein in melanoma cells⁸. Anti-Melan-A reacts with a 20-22kDa doublet in Melan-A mRNA positive melanoma cell-lines^{9,10}, and Anti-Tyrosinase recognizes a cluster of protein moieties ranging from 70-80 kDa in tyrosinase mRNA-positive melanoma cell lines^{11,12,13}. Immunogens: Respectively, recombinant human MBP-Mart-1 fusion protein⁸; human Melan-A recombinant protein⁹; and human recombinant tyrosinase^{11,12}.

SUPPLIED AS: 1 mL, ready to use liquid.

STABILITY: Stable when stored at 4-8°C. Recommended storage upon receipt is 4-8°C. **KEEP CONTAINER CLOSED. KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME.**

APPLICATIONS AND SUGGESTED

USE: Staining and identification of Melanoma cells. Use with streptavidin or avidin conjugates, e.g. Streptavidin-alkaline Phosphatase or Streptavidin FITC.

MATERIAL

SAFETY DATA: When handling this material Standard Laboratory Practices or Proper Protective Equipment should be followed. Avoid breathing vapor. Avoid contact with eyes, skin and clothing.