

MOUSE ANTI- SURFACE GLYCOPROTEIN S. MANSONI MONOCLONAL ANTIBODY

CATALOG NUMBER: MAB10243 **QUANTITY:** 100 µL

LOT NUMBER: **CONCENTRATION:**

CLONE NAME: 132C4A/4 **HOST/ISOTYPE:** IgG1

BACKGROUND: *Schistosoma mansoni* is an important human parasite. Of the trematodes, schistosomes are atypical in that the adult stages have two sexes (dioecious) and are located in blood vessels of the definitive host. Most other trematodes are hermaphroditic and are found in the intestinal tract, or organs such as the liver. The lifecycle of schistosomes includes two hosts: a definitive host (i.e. man) where the parasite undergoes sexual reproduction, and a single intermediate snail host where there are a number of asexual reproductive stages. *Schistosoma mansoni* is one of the major agents of schistosomiasis.

IMMUNOGEN: Cercariae glycoprotein from *Schistosoma mansoni*

APPLICATIONS: *Optimal working dilutions must be determined by end user.*

FORMAT: Ascites

PRESENTATION: Liquid ascites fluid

STORAGE/HANDLING: Maintain at 2-8°C for up to 12 months from date of receipt.

REFERENCES: McElroy, Michael D, *et al* (2005). Coinfection with *Schistosoma mansoni* is associated with decreased HIV-specific cytotoxicity and increased IL-10 production. *J Immunol* **174**: 5119-5123.

Smith, Philip, *et al* (2004). *Schistosoma mansoni* worms induce anergy of T cells via selective up-regulation of programmed death ligand 1 on macrophages. *J Immunol* **173**: 1240-1248.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

For research use only; not for use as a diagnostic.