ANTIGENIX AMERICA Inc
1-800-558-1008
PRODUCT INFORMATION SUMMARY

ANTI-MOUSE CD105 (Endoglin)

Purified Antibody   Product Number   RM105020   0.25 mg

ANTIGEN DISTRIBUTION AND SPECIFICITY:
The MOUSE CD105 or Endoglin, an antigen component of the TGF beta receptor complex, expressed predominantely on vascular endothelial cells. CD105 is reported to have roles in cell adhesion and angiogenesis.

CLONE:
Rat monoclonal antibody clone MJ7, Rat IgG2a

CONJUGATION: none

HANDLING AND STORAGE:
All forms of this monoclonal antibody are supplied as ready to use liquid. Fluorochrome conjugates should be protected from prolonged exposure to light. These reagents are in a medium containing 0.01M phosphate-buffered saline, 0.2% gelatin and 0.1% sodium azide. All reagents in a liquid state should be stored at 2-8° C when not in use. Aliquots (unconjugated form only) may be frozen for long-term storage. Avoid repeat freeze-thaw.

PRODUCT USE:
For flow cytometry **use 10uL per test**. For immunohistochemistry, use enough diluted reagent to cover the tissue section or cytoprep. Working dilution should be optimized, suggested range is 1:20- 1:80. (Optimize). Reactive in Western Blot, Immunoprecipitation, and on frozen tissue sections (paraffin not tested).

RESEARCH APPLICATIONS:
Identification of mouse CD105 bearing cells by flow cytometry.
Not tested in paraffin-embedded tissue.
Studies of angiogenesis in murine model.

CAUTION:
Reagents contain sodium azide, a preservative which may react with lead joints in copper drain lines to form explosive compounds. Even though reagents contain minute quantities of sodium azide, drains should be thoroughly flushed with water when reagents are discarded.

WARRANTY:
Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

FOR RESEARCH USE ONLY.