

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

ANTI-Rabbit CD143 (ACE)

PRODUCT NUMBER MRB1432

1.0 mL

Tissue culture supernatant

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Mouse monoclonal antibodies specific for Rabbit CD143. Also reacts with human, Monkey, rat, Mouse, bovine, canine, feline, and guinea pig CD143.

This antigen is also known as Angiotensin Converting Enzyme (ACE). CD143 is present in two forms, somatic (170 kDa) and germinal (90 kDa). The somatic form is found on endothelial cells, especially those of lung tissue, epithelial cells of renal and intestinal origin, and some macrophages, T cells, and neuronal cells. This clone recognizes a denatured ACE, an epitope in C domain. Reactivity in western blot has been reported.

CLONE: ANTIGENIX AMERICA clone 2E2, Ig chain composition: Mouse IgG1
Supplied as tissue culture supernatant.

HANDLING AND STORAGE:

Supplied as 1.0 mL liquid preparation; Tissue culture supernatant containing 5% fetal calf serum and 0.01% sodium azide. 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 or may be stored frozen at -20 Deg. C. Avoid repeat freeze-thaw cycles.

PRODUCT USE:

Immunohistochemistry, diluted, (approx. 1:10) using enough reagent to cover the tissue section or cytoprep. Observed to react with **paraffin embedded tissue** following antigen retrieval method- Heat Treatment using sodium Citrate, pH 6.0. Positive control tissue is Kidney or Rat Lung.

Western Blot: 1:50

Flow cytometry not tested.

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

REFERENCE: Balyasnikova, I.V., et al; (2003); Monoclonal antibodies to denatured ACE...; Tissue Antigens; 61 (1): 49-62

FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.