

Code No. 10253

**Anti-Human
Endothelin-B Receptor (8Z11) Mouse IgG MoAb**

Volume : 100 µg

Introduction : Two kinds of receptors for Endothelin have been found, namely Endothelin-A (ET-A) receptor and Endothelin-B (ET-B) receptor. ET-A receptor is ET-1 specific and expressed in lung, aorta, atrium, liver, muscle, cerebral cortex, cerebellum, kidney, adrenal, duodenum, colon and placenta at the mRNA or cDNA level, while ET-B receptor lacks isopeptide specificity and is found in liver, lung, placenta, kidney, heart and brain. Cellular localization of ET-receptors in these organs or tissues, however, has not been elucidated, although stromal cells, but not epithelial cells of the breast, express ET-1 receptor in vitro.

Antigen : Recombinant Human Endothelin-B Receptor (insect sf-9 cells)

Source : Mouse-Mouse hybridoma

Clone : 8Z11 **Subclass** : IgG_{2a}

Purification : Affinity purified with Protein A

Form : Lyophilized product from PBS containing 1 % BSA and 0.05 % NaN₃

How to use : 1.0 mL deionized water will be added to the product, then its concentration comes to 100 µg/mL.

Stability : Lyophilized product, 5 years at 2 - 8 °C
: Solution, 2 years at -20 °C

Application : This antibody can be used for immunohistochemistry with formalin fixed paraffin embedded tissues after microwave treatment (for 10min. in 10 mM Citrate buffer, pH 6.0). The recommended concentration is about 5 µg/mL, however, the concentration should be optimized by each laboratory.
: This antibody can be used for western blotting in concentration of 2 - 5 µg/mL.

Specificity : Confirmed by western blotting.

For research use only, not for use in diagnostic procedures.