

Code No. 10253

**Anti-Human  
Endothelin-B (ET-B) Receptor (8Z11) Mouse IgG MoAb**Volume : 100 µg  
Lot No : 0J-231

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**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** : ET-1bound recombinant human 6hN-ETBR produced in insect sf-9 cells

**Source** : Mouse-Mouse hybridoma (supernatant)  
(X63-Ag8.653 × BALB/c mouse spleen cells)

**Clone** : 8Z11

**Subclass** : IgG2a

**Purification** : Purified with protein A

**Form** : Lyophilized product from 1% BSA in PBS containing 0.05%NaN<sub>3</sub>

**How to use** : 1.0 ml distilled water will be added to the product

**Dilution** : PBS (pH7.4) containing 1% BSA, 0.05%NaN<sub>3</sub>

**Stability** : Lyophilized product, 5 years at 2 – 8  
: Solution, 2 years at –20

**Application** : This antibody can be stained in formalin fixed paraffin embedded tissues with micro wave pretreatment (10min, 10mM Citrate buffer, pH 5.0) by several Immunohistochemical techniques such as Avidin Biotin Complex (ABC) Method. The optimal dilution is about 5 µg/ml, however, the dilution rate should be optimized by each laboratories.

\*1 rinsing by running water after formic acid treatment for 5 minutes following de-paraffin.

: This antibody can be used for western blotting in concentration of 2 - 5 µg /ml.

: This antibody can be used for immunoprecipitation in concentration of 2 - 5 µg /ml.

**Specificity** : Confirmed by western blotting

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