

Product Information



Estrogen receptor $\text{ER}\beta$ (D region) Monoclonal Antibody

Cat No: G01011 - 100 μL

General Data

Shipping: wet ice

Formulation: Liquid Ascite, does not contain any preservative therefore avoid repeat freezing and thawing cycles

Host: Mouse

Antigen: synthetic peptide coupled to ovalbumin

Clone: 2B5

Isotype: IgG1, κ

Application(s): * ELISA * Western Blot (natural and recombinant proteins) * Immunofluorescence

1/500-1/5000

Specificity: mouse $\text{ER}\beta$. The peptide used as immunogen derived from the D region of mouse $\text{ER}\beta$. Clone 8 $\text{ER}\beta$ -2B5 reacts on $\text{ER}\beta$ from mouse in western blot and immunofluorescence. No cross-reactivity has been observed on $\text{ER}\alpha$.



Product Overview

There are two classes of Estrogen Receptors (ER), the first is intracellular and translocate to the Nucleus when activated through binding to 17 beta estradiol. They are named $\text{ER}\alpha$ and $\text{ER}\beta$. The second G protein couples receptors which are membranes proteins and have intracellular signaling function. central $\text{ER}\alpha$ signaling is necessary for the actions of GLP-1 on food-reward behavior.

FP/04/24

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