

# Product Information



## Estrogen receptor $\beta$ (D region) Monoclonal Antibody

Cat No: G01011 - 100  $\mu$ L

### General Data

<b>Shipping:</b>	wet ice
<b>Formulation:</b>	Liquid Ascite, does not contain any preservative therefore avoid repeat freezing and thawing cycles
<b>Host:</b>	Mouse
<b>Antigen:</b>	synthetic peptide coupled to ovalbumin
<b>Clone:</b>	2B5
<b>Isotype:</b>	IgG1, $\kappa$



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

1/500-1/5000

**Specificity:** mouse ER $\beta$ . The peptide used as immunogen derived from the D region of mouse ER $\beta$ . Clone 8ER $\beta$ -2B5 reacts on ER $\beta$  from mouse in western blot and immunofluorescence. No cross-reactivity has been observed on 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 ER alpha and ER beta. The second G protein couples receptors which are membranes proteins and have intracellular signaling function. central ER $\alpha$  signaling is necessary for the actions of GLP-1 on food-reward behavior.

FP/04/24

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Contact Bertin Bioreagent

Parc d'Activités du Pas du Lac  
10 bis avenue Ampère  
78180 Montigny le Bretonneux - France  
Tel.: +33 (0)139 306 036

<https://www.bertin-bioreagent.com/pa206/contact-us>  
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