

# Anti-Estrogen Receptor Beta2 [57/3]

**Catalogue number:** 153632

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:**

**Institute:** BioServ UK Ltd

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Estrogen Receptor Beta2 [57/3]

**Alternate name:** Estrogen receptor beta, ER-beta, Nuclear receptor subfamily 3 group A member 2

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Estrogen receptors are commonly over-expressed in cancers. Clone 57/3 recognizes Estrogen Receptor Beta (ER $\alpha$ ) 2 and is useful in determining the expression of ER $\alpha$ 2 in cancer cells via various analysis methods.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Recognizes ER $\alpha$ 2 isomer at sequence CGMKMETLLPEATMEQ

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** Ovary

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Estrogen Receptor ? 2

**Target alternate names:**

**Target background:** Estrogen receptors are commonly over-expressed in cancers. Clone 57/3 recognizes Estrogen Receptor Beta (ER?) 2 and is useful in determining the expression of ER?2 in cancer cells via various analysis methods.

**Molecular weight:** 53 kDa

**Ic50:**

## Applications

**Application:** IHC ; IF ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Zannoni et al. 2016. Histopathology. 68(4):541-8. PMID: 26132417. ; Sexual dimorphism

in medulloblastoma features. ; Gender effect in experimental models of human medulloblastoma: does the estrogen receptor ? signaling play a role? ; Ciucci et al. 2014. PLoS One. 9(7):e101623. PMID: 25000562. ; Asgari et al. 2011. Diagn Pathol. 6:61. PMID: 21733187. ; Estrogen receptor beta expression in prostate adenocarcinoma. ; Collins et al. 2009. BMC Cancer. 9:330. PMID: 19758455. ; Expression of oestrogen receptors, ERalpha, ERbeta, and ERbeta variants, in endometrial cancers and evidence that prostaglandin F may play a role in regulating expression of ERalpha. ; Schiessl et al. 2005. J Histochem Cytochem. 53(12):1441-9. PMID: 15983116. ; Wong et al. 2005. J Pathol. 207(1):53-60. PMID: 15954165. ; ERbeta isoform expression in colorectal carcinoma: an in vivo and in vitro study of clinicopathological and molecular correlates. ; Expression of endothelial NO synthase, inducible NO synthase, and estrogen receptors alpha and beta in placental tissue of normal, preeclamptic, and intrauterine growth-restricted pregnancies. ; Sierens et al. 2004. J Mol Endocrinol. 32(3):703-18. PMID: 15171710. ; Cloning of oestrogen receptor beta from Old and New World primates: identification of splice variants and Fn analysis. ; Torlakovic et al. 2002. Hum Pathol. 33(6):646-51. PMID: 12152165. ; Prostate carcinoma expression of estrogen receptor-beta as detected by PPG5/10 antibody has positive association with primary Gleason grade and Gleason score.

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