

# Product Datasheet

## ER beta/NR3A2 Antibody (6B12) - Azide and BSA Free NB200-304

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB200-304**

ER beta/NR3A2 Antibody (6B12) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	6B12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Target Molecular Weight</b>	59 kDa

**Product Description**

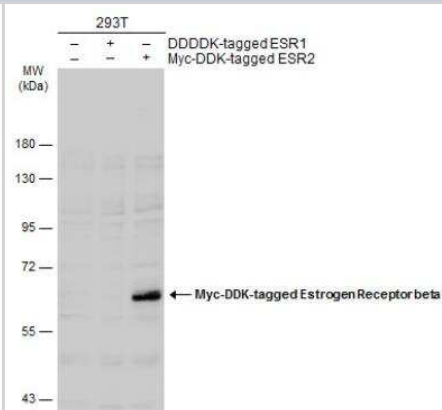
<b>Description</b>	Novus Biologicals Mouse ER beta/NR3A2 Antibody (6B12) - Azide and BSA Free (NB200-304) is a monoclonal antibody validated for use in IHC and WB. Anti-ER beta/NR3A2 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2100
<b>Gene Symbol</b>	ESR2
<b>Species</b>	Human
<b>Immunogen</b>	Amino acids 1-153 of human ER beta/NR3A2 expressed in E. coli.

**Product Application Details**

<b>Applications</b>	Western Blot, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:10 - 1:500
<b>Application Notes</b>	IHC usage reported in scientific literature.

**Images**

Western Blot: ER beta/NR3A2 Antibody (6B12) [NB200-304] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Estrogen Receptor beta antibody [6B12] (NB200-304). The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



## Publications

Dietrich W, Gaba A, Zhegu Z et al. Testosterone dependent androgen receptor stabilization and activation of cell proliferation in primary human myometrial microvascular endothelial cells. Fertil Steril 2011-03-01 [PMID: 21130428] (IF/IHC, WB, Human)

Dietrich W, Haitel A, Holzer G et al. Estrogen receptor-beta is the predominant estrogen receptor subtype in normal human synovia. J Soc Gynecol Investig 2006-10-01 [PMID: 16990033] (WB, IF/IHC, Human)

Demyanets S, Pfaffenberger S, Kaun C et al. The estrogen metabolite 17beta-dihydroequilenin counteracts interleukin-1alpha induced expression of inflammatory mediators in human endothelial cells in vitro via NF-kappaB pathway. Thromb Haemost 2006-01-01 [PMID: 16543969] (IF/IHC, WB, Human)

Tschugguel W, Dietrich W, Zhegu Z et al. Differential regulation of proteasome-dependent estrogen receptor alpha and beta turnover in cultured human uterine artery endothelial cells. J Clin Endocrinol Metab 2003-05-01 [PMID: 12727987] (WB, IF/IHC, Human)

Fuchsjager-Mayrl G, Nepp J, Schneeberger C et al. Identification of estrogen and progesterone receptor mRNA expression in the conjunctiva of premenopausal women. Invest Ophthalmol Vis Sci 2002-09-01 [PMID: 12202500] (IF/IHC, WB, Human)





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### **Products Related to NB200-304**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00002100-Q01-10ug	Recombinant Human ER beta/NR3A2 GST (N-Term) Protein

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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