

## Anti-Estrogen Receptor Alpha ESR1 Antibody (Monoclonal, C-542)

Catalog Number: M00057

### About ESR1

The estrogen receptor alpha (ERalpha, UniProt/Swiss-Prot entry P03372) belongs to the family of nuclear hormone receptors, which are ligand-activated transcription factors. They are important for the regulation of gene expression, cellular proliferation and differentiation, sexual development and reproductive function. Estrogen receptors are also involved in pathological processes such as breast cancer, and osteoporosis. ERalpha can regulate transcription by direct binding to estrogen response elements (EREs) in the DNA or by interaction with other transcription factors. It may also form a heterodimer with ERbeta.

### Overview

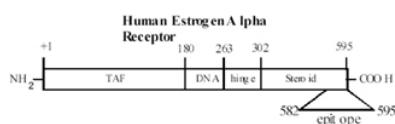
Product Name	Anti-Estrogen Receptor Alpha ESR1 Antibody (Monoclonal, C-542)
Reactive Species	Human, Mouse, Rat
Description	Mouse Anti-Estrogen Receptor Alpha Antibody (Monoclonal, C-542) for ESR1 detection tested for IP, WB in Human, Mouse, Rat.
Application	IP, WB
Clonality	Monoclonal C-542
Formulation	Each vial contains 50% glycerol and 0.09% sodium azide.
Storage Instructions	
Host	Mouse
Uniprot ID	P03372

### Technical Details

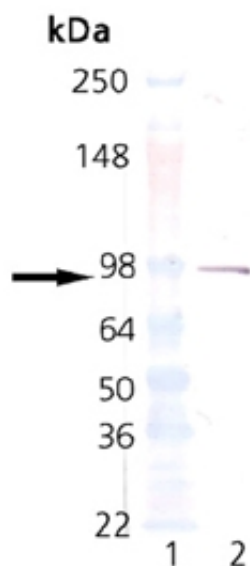
Immunogen	Synthetic peptide corresponding to the sequence near the C-terminus of human Estrogen Receptor alpha .
Form	Liquid

Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Protein G affinity purified.
Suggested Dilutions	WB, 1:500, colorimetric, Human, Mouse, Rat  For protocols please visit <a href="https://www.bosterbio.com/protocol-and-troubleshooting/">https://www.bosterbio.com/protocol-and-troubleshooting/</a>

## Anti-Estrogen Receptor Alpha ESR1 Antibody (Monoclonal, C-542) (M00057) Images



Human Estrogen Alpha Receptor domains.



Western blot analysis of Estrogen Receptor Alpha expression in MW marker (lane 1) and Estrogen Receptor 1 (lane 2). Estrogen Receptor Alpha at 92KD was detected using mouse anti- Estrogen Receptor Alpha Antigen Affinity purified monoclonal antibody (Catalog # M00057) at 1:500. The blot was developed using colorimetric method.

### Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

