

Product Name: Estrogen Receptor alpha (6F11) Mouse Monoclonal Antibody**Catalog #: AMM03482**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2b
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 66 kDa; Observed MW: 66 kDa

Antigen Information

Gene Name	ESR1
Alternative Names	ESR1; Era; Eralpha; Estrogen receptor; Estradiol receptor; ER-alpha; Estrogen receptor 1; NR3A1; ER; ESR; ESRA; Estrogen receptor alpha
Gene ID	2099
SwissProt ID	P03372
Immunogen	A synthetic peptide corresponding to target protein

Background

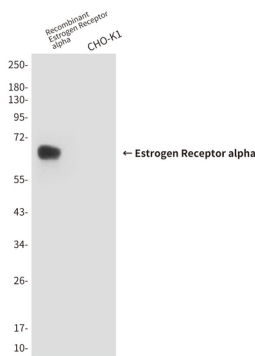
ER (estrogen receptor 1) a member of the steroid receptor superfamily, contains highly conserved DNA binding (DBD) and

ligand binding domains (LBD). Through its estrogen-independent and estrogen-dependent activation domains (AF-1 and AF-2, respectively), ER regulates transcription by recruiting coactivator proteins and interacting with general transcriptional machinery. Phosphorylation provides an important mechanism to regulate ER activity. ER is phosphorylated on multiple sites.

Research Area

Signal Transduction

Image Data



Western blot analysis of Estrogen Receptor alpha (6F11) in CHO-K1 (B) and CHO-K1 transfected by Estrogen Receptor α fragment(A) lysates using Estrogen Receptor α antibody.