

# Anti-Estrogen Receptor alpha Mouse mAb

Purified Mouse Monoclonal Antibody

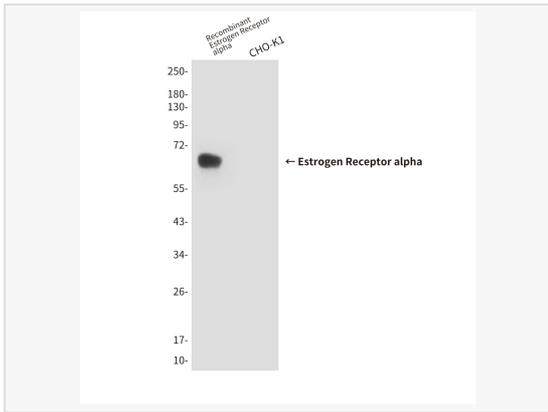
Catalog # M012923

## Product Information

Application	WB, ELISA
Reactivity	Transfected
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	97M67L34
Isotype	IgG2b
Label	Unconjugated
Immunogen	Purified recombinant human Estrogen Receptor $\alpha$ MMP-2 protein expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Estrogen Receptor alpha antibody [97M67L34] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	ESR1, Era, Eralpha, Estrogen receptor, Estradiol receptor, ER-alpha, Estrogen receptor 1, NR3A1, ER, ESR, ESRA, Estrogen receptor alpha.
Calculated MW	Calculated MW: 66 kDa; Observed MW: 66 kDa
Uniprot ID	P03372
Gene ID	2099
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.



Western blot analysis of Estrogen Receptor alpha in CHO-K1 (B) and CHO-K1 transfected by Estrogen Receptor alpha fragment (A) lysates using Estrogen Receptor alpha antibody [97M67L34].