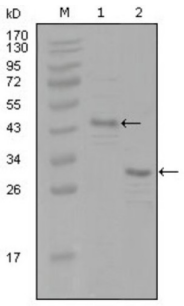
Estrogen Receptor (ESR1) Antibody

Catalogue No.:abx015744



Western blot analysis using ESR1 antibody against truncated Trx-ESR1 recombinant protein (1) and truncated ESR1 (aa130-339) -His recombinant protein (2).

ESR1: estrogen receptor 1.This gene encodes an estrogen receptor, a ligand-activated transcription factor composed of several domains important for hormone binding, DNA binding, and activation of transcription.The protein localizes to the nucleus where it may form a homodimer or a heterodimer with estrogen receptor 2.Estrogen and its receptors are essential for sexual development and reproductive function, but also play a role in other tissues such as bone.Estrogen receptors are also involved in pathological processes including breast cancer, endometrial cancer, and osteoporosis.Alternative splicing results in several transcript variants, which differ in their 5' UTRs and use different promoters.

Target:	Estrogen Receptor (ESR1)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of ESR1 (aa130-339) expressed in E. coli.
Isotype:	IgG_1
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P03372 (UniProt, ExPASy)

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Gene Symbol:	ESR1
GeneID:	2099
OMIM:	133430
HGNC:	3467
KEGG:	hsa:2099
Ensembl:	ENSG00000091831
String:	9606.ENSP00000405330
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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