

Product Name: KD-Validated Estrogen Receptor 2 Recombinant Rabbit Monoclonal Antibody

Catalog #: KVA01697

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 59.2kDa

Antigen Information

Gene Name	ESR2
Alternative Names	ESR2; Estrogen Receptor 2; NR3A2; Nuclear Receptor Subfamily 3 Group A Member 2; Estrogen Receptor Beta; Oestrogen Receptor Beta; ER-Beta; ER-BETA; ESTRB; Erb; Estrogen Receptor 2 (ER Beta); Estrogen Receptor Beta 2; Estrogen Receptor Beta 4; ESR-BETA; ER Beta; ESRB; ODG8; ERB
Gene ID	2100.0
SwissProt ID	Q92731
Immunogen	A synthesized peptide derived from human Estrogen Receptor beta

Background

This gene encodes a member of the family of estrogen receptors and superfamily of nuclear receptor transcription factors. The gene product contains an N-terminal DNA binding domain and C-terminal ligand binding domain and is localized to the nucleus, cytoplasm, and mitochondria. Upon binding to 17 β -estradiol or related ligands, the encoded protein forms homo- or hetero-dimers that interact with specific DNA sequences to activate transcription. Some isoforms dominantly inhibit the activity of other estrogen receptor family members. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been fully characterized. [provided by RefSeq, Jul 2008]

Research Area

Epigenetics and Nuclear Signaling, Signal Transduction, Neuroscience, Cancer

Image Data

