

## ERR alpha Rabbit mAb

Catalog No: #58904

Package Size: #58904-1 50ul #58904-2 100ul

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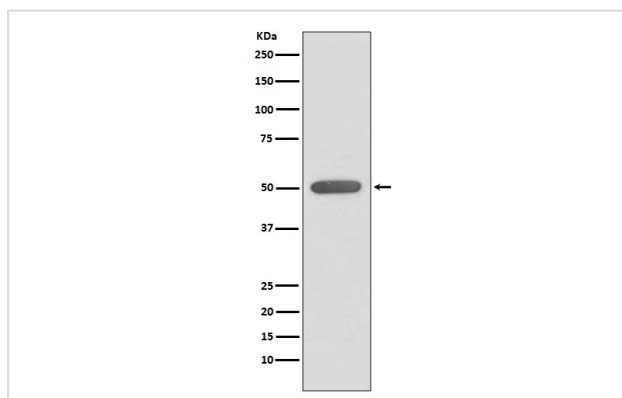
## Description

Product Name	ERR alpha Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IP FC
Species Reactivity	Human Mouse Rat
Specificity	ERR alpha Antibody detects endogenous levels of ERR alpha
Immunogen Description	A synthesized peptide derived from human ERR alpha
Other Names	ESRRA; ERRa; ERR1; HERR1; NR3B1; Steroid hormone receptor ERR1; ERR-alpha; ERRalpha; ESRL1; Estrogen receptor-like 1; Estrogen-related receptor alpha;
Accession No.	Uniprot:P11474
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Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Application Details

WB 1:1000~1:2000 IP 1:50 FC 1:20

## Images



Western blot analysis of ERR alpha expression in HeLa cell lysate.

## Product Description

Estrogen-related receptor alpha (ERR $\alpha$ /NR3B1) is an orphan nuclear receptor that controls transcription of genes involved in fatty acid oxidation, glucose metabolism, and mitochondrial biogenesis. The receptor protein contains a non-conserved amino terminal domain (NTD), a central zinc finger DNA binding domain, and a ligand-binding domain. The carboxy-terminal AF2 helix motif of ERR $\alpha$  contains binding sites for nuclear receptor coactivators PGC-1 $\alpha$  and PGC-1 $\beta$ . Research studies demonstrate that ERR $\alpha$  transcriptional activity is regulated through phosphorylation and

sumoylation within the NTD.

## Background

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Note: This product is for in vitro research use only