

Anti-ERR alpha Antibody

Catalog # AP95820

Product Information

Application	WB, FC
Primary Accession	P11474
Reactivity	Human, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	45510

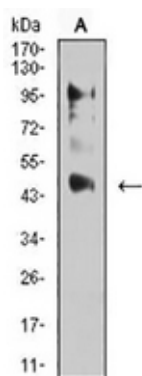
Additional Information

Gene ID	2101
Other Names	ERR1; ESRL1; NR3B1; Steroid hormone receptor ERR1; Estrogen receptor-like 1; Estrogen-related receptor alpha; ERR-alpha; Nuclear receptor subfamily 3 group B member 1
Target/Specificity	Recombinant fusion protein of human ERR alpha expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

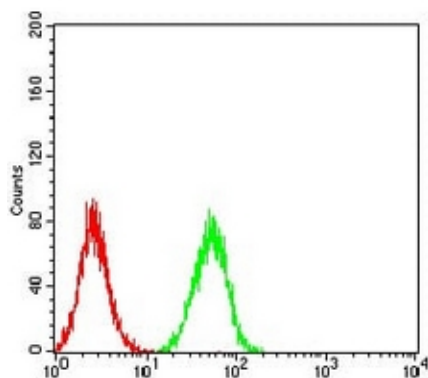
Protein Information

Name	ESRRA
Synonyms	ERR1, ESRL1, NR3B1
Function	Binds to an ERR-alpha response element (ERRE) containing a single consensus half-site, 5'-TNAAGGTCA-3'. Can bind to the medium- chain acyl coenzyme A dehydrogenase (MCAD) response element NRRE-1 and may act as an important regulator of MCAD promoter. Binds to the C1 region of the lactoferrin gene promoter. Requires dimerization and the coactivator, PGC-1A, for full activity. The ERRalpha/PGC1alpha complex is a regulator of energy metabolism. Induces the expression of PERM1 in the skeletal muscle.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00407, ECO:0000269 PubMed:18063693, ECO:0000269 PubMed:21190936}. Cytoplasm. Note=Co-localizes to the cytoplasm only in presence of MAPK15.

Images



Western blot analysis of ERR alpha expression in C6 (A) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 46 kD)



Flow cytometric analysis of HeLa cells using Anti-ERR alpha Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.