Rabbit Estrogen Related alpha Monoclonal Antibody | anti-ESRRA antibody

Estrogen Related Receptor alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312245	**Rabbit**	**Human, Mouse, Rat**	**Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

Estrogen Related alpha; Monoclonal Antibody; Estrogen Related Receptor alpha Antibody; Err 1 antibody; ERR a antibody; ERR alpha antibody; ERR-alpha antibody; Err1 antibody; ERR1 protein antibody; ERR1_HUMAN antibody; ERRa antibody; ERRalpha antibody; ESRL 1 antibody; ESRL1 antibody; ESRR A antibody; Esrra antibody; Estrogen receptor like 1 antibody; Estrogen receptor related 1 antibody; estrogen receptor related receptor alpha antibody; Estrogen receptor-like 1 antibody; Estrogen related receptor alpha antibody; Estrogen-related receptor alpha antibody; Estrra antibody; hERR1 antibody; NR3B1 antibody; Nuclear receptor subfamily 3 group B member 1 antibody; Steroid hormone receptor ERR1 antibody; anti-ESRRA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SC57-07
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ESRRA antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Hela cells with Estrogen Related Receptor alpha antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of Estrogen Related Receptor alpha on MCF-7 cell lysates using anti-Estrogen Related Receptor alpha antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ESRRA antibody	Estrogen related receptor alpha (ERRalpha) is a nuclear receptor in the superfamily of ligand-regulated transcription factors and is a member of the NR3B orphan nuclear receptor subgroup (consisting of alpha, beta and gamma). ERRalpha plays a role in modulating the estrogen signaling pathway. In addition, the expression of ERRalpha has been shown to increase during fasting and cold exposure. ERRalpha may be important for regulating mitochondrial biogenesis and oxidative metabolism by acting directly on genes necessary for mitochondrial function. Mice lacking ERRalpha are unable to maintain their body temperature in the cold. ERRalpha may also be involved in the maintenance and formation of cartilage. This information could be useful in finding therapeutic agents for a variety of diseases affecting the joints.
Product Categories/Family for anti-ESRRA antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	215274146
NCBI GeneID	2101
UniProt Accession #	P11474; Q14514
Molecular Weight	423
NCBI Official Full Name	Steroid hormone receptor ERR1
NCBI Official Synonym Full Names	estrogen-related receptor alpha
NCBI Official Symbol	ESRRA
NCBI Official Synonym Symbols	ERR1; ERRa; ESRL1; NR3B1; ERRalpha
NCBI Protein Information	steroid hormone receptor ERR1; ERR-alpha; estrogen receptor-like 1; estrogen-related nuclear receptor alpha; nuclear receptor subfamily 3 group B member 1
UniProt Protein Name	Steroid hormone receptor ERR1
UniProt Gene Name	**ESRRA**
UniProt Synonym Gene Names	ERR1; ESRL1; NR3B1; ERR-alpha
UniProt Entry Name	ERR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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