

32-6081: Mouse Anti Human Estrogen Receptor Alpha(Clone:LSERASC1.)

Clonality :	Monoclonal
Clone Name :	LSERASC1.
Gene :	ESR1
Gene ID :	2099
Uniprot ID :	P03372
Format :	Purified
Alternative Name :	ER-alpha
Isotype :	Mouse IgG.
Immunogen Information :	Recombinant human ER-alpha.

Description

Estrogen receptors (ER, ER; NR3A1) is a member of the steroid hormone receptor family. ER is a ligand-activated transcription factor. ER contain DNA binding and ligand binding domains. ER is expressed in a wide variety of tissues, including ovary, uterus, breast, prostate, testis, epididymis, bones, bladder, kidney, heart, vessel wall, pituitary gland and hypothalamus. ER plays a variety of important roles in the maintenance of the reproductive, cardiovascular, musculoskeletal and central nervous systems. The natural ligand for ER is 17 β -estradiol, the classical estrogenic compound. The binding of estrogen to ER induces a conformational change and triggers a cascade of events, including dissociation from heat shock proteins, receptor dimerization, phosphorylation and the association of the hormone activated receptor with specific regulatory elements in target genes.

Product Info

Amount :	1 mg
Purification :	Protein A.
Content :	1mg/ml in PBS (after reconstitution).
Storage condition :	Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.