

Estrogen Receptor alpha Conjugated Antibody

Catalog No: #C48263



Package Size: #C48263-AF350 100ul #C48263-AF405 100ul #C48263-AF488 100ul
 #C48263-AF555 100ul #C48263-AF594 100ul #C48263-AF647 100ul
 #C48263-AF680 100ul #C48263-AF750 100ul #C48263-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	Estrogen Receptor alpha Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Baboon
Immunogen Description	peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DKFZp686N23123 antibody ER alpha antibody ER antibody ER-alpha antibody Era antibody ESR antibody ESR1 antibody ESR1_HUMAN antibody ESRA antibody Estradiol receptor antibody Estrogen nuclear receptor alpha antibody Estrogen receptor 1 antibody Estrogen receptor alpha 3*,4,5,6,7*/822 isoform antibody Estrogen receptor alpha antibody Estrogen receptor alpha delta 3*,4,5,6,7*,8*/941 isoform antibody Estrogen receptor alpha delta 3*,4,5,6,7*/819 2 isoform antibody Estrogen receptor alpha delta 4 +49 isoform antibody Estrogen receptor alpha delta 4*,5,6,7*/654 isoform antibody Estrogen receptor alpha delta 4*,5,6,7,8*/901 isoform antibody Estrogen receptor alpha E1 E2 1 2 antibody Estrogen receptor alpha E1 N2 E2 1 2 antibody Estrogen receptor antibody ESTRR antibody NR3A1 antibody Nuclear receptor subfamily 3 group A member 1 antibody
Accession No.	Swiss-Prot#:P03372
Uniprot	P03372
GeneID	2099;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	66 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Estrogen receptor alpha (ER alpha) is a nuclear protein and member of the steroid hormone receptor family. ER alpha possesses both DNA binding and ligand binding domains, and exerts a significant role in activating the transcription of certain genes (1). Ligand-dependent dimerization and phosphorylation both function to regulate the transcriptional activation of ER alpha (2). The ER is an important regulator of growth and differentiation in the mammary gland. Presence of ER in breast tumors indicates an increased likelihood of response to anti-estrogen (e.g. tamoxifen) therapy (3).

Note: This product is for in vitro research use only