

# Estrogen Receptor- $\alpha$ (Phospho-Ser104) Conjugated Antibody



Catalog No: #C11070

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Package Size: #C11070-AF350 100ul #C11070-AF405 100ul #C11070-AF488 100ul

#C11070-AF555 100ul #C11070-AF594 100ul #C11070-AF647 100ul

#C11070-AF680 100ul #C11070-AF750 100ul #C11070-Biotin 100ul

## Description

Product Name	Estrogen Receptor- $\alpha$ (Phospho-Ser104) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of Estrogen Receptor- $\alpha$ only when phosphorylated at serine104.
Immunogen Description	Peptide sequence around phosphorylation site of serine 104 (S-V-S(p)-P-S) derived from Human Estrogen Receptor- $\alpha$ .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ER;ESR;ESR1;ESTR;ESTRA
Accession No.	Swiss-Prot#:P03372NCBI Gene ID:2099NCBI mRNA#:NM_000125.3 NCBI Protein#:NP_000116.2
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
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

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## Product Description

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Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

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Nuclear hormone receptor. The steroid hormones and their receptors are involved in the regulation of eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues.

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Note: This product is for in vitro research use only