Estrogen Receptor-α (Phospho-Ser102) Conjugated Antibody

Catalog No: #C11801

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Package Size: #C11801-AF350 100ul #C11801-AF405 100ul #C11801-AF488 100ul #C11801-AF555 100ul #C11801-AF594 100ul #C11801-AF647 100ul #C11801-AF680 100ul #C11801-AF750 100ul #C11801-Biotin 100ul

Description

Product Name	Estrogen Receptor-α (Phospho-Ser102) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of Estrogen Receptor-α only when phosphorylated at serine 102.
Immunogen Description	Peptide sequence around phosphorylation site of Serine102(L-N-S(p)-V-S) derived from Human Estrogen Receptor-α.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ER;ESR;ESR1; ESTR; NR3A1
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	53
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

Product Description

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 chromatogramphy using non-phosphopeptide.

Background

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.

Note: This product is for in vitro research use only