# Estrogen Receptor-α (Phospho-Ser106) Conjugated Antibody

Catalog No: #C11071

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

Package Size: #C11071-AF350 100ul #C11071-AF405 100ul #C11071-AF488 100ul #C11071-AF555 100ul #C11071-AF594 100ul #C11071-AF647 100ul #C11071-AF680 100ul #C11071-AF750 100ul #C11071-Biotin 100ul

## Description

| | |
|---|---|
| Product Name | Estrogen Receptor-α (Phospho-Ser106) Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of Estrogen Receptor-α only when phosphorylated at serine 106. |
| Immunogen Description | Peptide sequence around phosphorylation site of serine106 (S-P- S(p)-P-L) derived from Human Estrogen Receptor-α. |
| 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_000125.3NCBI Protein#:NP_000116.2 |
| Uniprot | P03372 |
| GeneID | 2099; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>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

## 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