p23 Conjugated Antibody

Catalog No: #C49729

Package Size: #C49729-AF350 100ul #C49729-AF405 100ul #C49729-AF488 100ul #C49729-AF555 100ul #C49729-AF594 100ul #C49729-AF647 100ul #C49729-AF680 100ul #C49729-AF750 100ul #C49729-Biotin 100ul

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

Description

Product Name	p23 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Co chaperone p23 antibody cPGES antibody Cytosolic prostaglandin E synthase antibody Cytosolic prostaglandin E2 synthase antibody Hsp90 co chaperone antibody Hsp90 co-chaperone antibody P23 antibody Progesterone receptor complex antibody Progesterone receptor complex p23 antibody Prostaglandin E synthase 3 (cytosolic) antibody Prostaglandin E synthase 3 antibody PTGES 3 antibody PTGES3 antibody Sid 3177 antibody TEBP antibody TEBP_HUMAN antibody Telomerase binding protein p23 antibody Telomerase-binding protein p23 antibody Unactive progesterone receptor 23 kD antibody
Accession No.	Swiss-Prot#:Q15185
Uniprot	Q15185
GeneID	10728;
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	23 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

P23, also known as PTGES3 (prostaglandin E synthase 3) or TEBP (telomerase-binding protein p23), is a ubiquitously expressed protein that functions as a cochaperone and plays an important role in signal transduction. One of several proteins in the HSP 90-based molecular chaperone complex, P23 promotes the breakdown of transcriptional regulatory complexes by disrupting receptor-mediated transcriptional activation. P23 acts in a hormone-dependent manner to chaperone estrogen receptor alpha (ERα), a steroid complex, to its mature form and to regulate the expression of ERα-related genes. Localized to the cytoplasm, P23 interacts with the glucocorticoid receptor (GR) and, through disassembly of the GR transcription machinery, is thought to inhibit GR-dependent transcription. The involvement of P23 in various steroid receptor-mediated pathways suggests close involvement in signal transduction and regulation of cellular processes. Upregulation of P23 is implicated in the invasion and metastasis of various cancers.

Note: This product is for in vitro research use only