E2F1 Conjugated Antibody

Catalog No: #C49286

Package Size: #C49286-AF350 100ul #C49286-AF405 100ul #C49286-AF488 100ul #C49286-AF555 100ul #C49286-AF594 100ul #C49286-AF647 100ul #C49286-AF680 100ul #C49286-AF750 100ul #C49286-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	E2F1 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	Dmel\CG6376 antibody Dmel_CG6376 antibody drosE2F1 antibody E(Sev-CycE)3A antibody E(var)3-93E antibody E2-promoter binding facto antibody E2F 1 antibody E2F transcription factor 1 antibody E2F-1 antibody E2f-PA antibody E2f-PB antibody E2f-PC antibody E2F1 antibody E2f1 E2F transcription factor 1 antibody E2F1_HUMAN antibody Evar(3)164 antibody KIAA4009 antibody l(3)07172 antibody l(3)j3B1 antibody l(3)j3C2 antibody l(3)rM729 antibody mKIAA4009 antibody OTTHUMP00000030661 antibody PBR3 antibody PRB binding protein E2F 1 antibody PRB-binding protein E2F-1 antibody RBAP 1 antibody RBAP-1 antibody RBAP1 antibody RBBP-3 antibody RBBP3 antibody RBP 3 antibody RBP3 antibody Retinoblastoma-associated protein 1 antibody Retinoblastoma-binding protein 3 antibody Transcription factor E2F1 antibody
Accession No.	Swiss-Prot#:Q01094
Uniprot	Q01094
GeneID	1869;
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	55 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

The human retinoblastoma gene product appears to play an important role in the negative regulation of cell proliferation. Functional inactivation of Rb can be mediated either through mutation or as a consequence of interaction with DNA tumor virus-encoded proteins. Of all the Rb associations described to date, the identification of a complex between Rb and the transcription factor E2F most directly implicates Rb in regulation of cell proliferation. E2F was originally identified through its role in transcriptional activation of the adenovirus E2 promoter. Sequences homologous to the E2F binding site have been found upstream of a number of genes that encode proteins with putative functions in the G1 and S phases of the cell cycle. E2F-1 is a member of a broader family of transcription regulators including E2F-2, E2F-3, E2F-4, E2F-5, E2F-6 and E2F-7 each of which forms heterodimers with a second protein, DP-1, forming an "active" E2F transcriptional regulatory complex.

Note: This product is for in vitro research use only