Nrf2(Phospho-S40) Conjugated Antibody

Catalog No: #C13360

Package Size: #C13360-AF350 100ul #C13360-AF405 100ul #C13360-AF488 100ul #C13360-AF555 100ul #C13360-AF594 100ul #C13360-AF647 100ul #C13360-AF680 100ul #C13360-AF750 100ul #C13360-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Nrf2(Phospho-S40) 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	DNA helicase V antibody far upstream element (FUSE) binding protein 1 antibody Far upstream element (FUSE) binding protein 4 antibody Far upstream element binding protein 1 antibody far upstream element binding protein antibody Far upstream element-binding protein 1 antibody FBP antibody FUBP antibody Fubp1 antibody FUBP1_HUMAN antibody Fubp4 antibody FUSE binding protein 1 antibody FUSE-binding protein 1 antibody HDH V antibody
Accession No.	Swiss-Prot#:Q96AE4
Uniprot	Q96AE4
GeneID	8880;
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	74
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

Activation of FUSE, the far upstream element, is required for the proper ex-pression of the mammalian gene c-Myc in undifferentiated cells. The binding of FBP1 (FUSE-binding protein or far upstream element-binding protein) to FUSE is necessary for c-Myc expression, indicating that FBP1 functions as a growth-dependent regulator of c-Myc expression. Isolated from proliferating HL-60 cells, FBP1 (FBP), FBP2 and FBP3 comprise a family of single-stranded DNA-binding proteins that specifically bind to FUSE elements. The FBP transcription factors share a conserved central DNA-binding domain and show significant homology in their carboxyl-terminal activation domains. Expression of FBP1 is detected in undifferentiated cells and is substantially decreased following cellular differentiation.

Note: This product is for in vitro research use only