RSK1 p90(Phospho-T359+S363) Conjugated Antibody

Catalog No: #C13362

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Package Size: #C13362-AF350 100ul #C13362-AF405 100ul #C13362-AF488 100ul #C13362-AF555 100ul #C13362-AF594 100ul #C13362-AF647 100ul #C13362-AF680 100ul #C13362-AF750 100ul #C13362-Biotin 100ul

Description

Product Name	RSK1 p90(Phospho-T359+S363) 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	DKFZp762A223 antibody FA 4 antibody FA D2 antibody FA4 antibody FAC D2 antibody FACD 2 antibody FACD antibody FACD2 antibody FACD2_HUMAN antibody FAD antibody FAD2 antibody FANC D2 antibody FANCD 2 antibody FANCD antibody FANCD2 antibody FANCONI ANEMIA COMPLEMENTATION GROUP D antibody Fanconi anemia complementation group D2 antibody Fanconi anemia group D2 protein antibody FANCONI PANCYTOPENIA TYPE 4 antibody FLJ23826 antibody OTTHUMP00000158853 antibody OTTHUMP00000207925 antibody Protein FACD2 antibody Type 4 Fanconi pancytopenia antibody
Accession No.	Swiss-Prot#:Q9BXW9
Uniprot	Q9BXW9
GeneID	2177;
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	166
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

Fanconi anemia (FA) is an autosomal recessive disorder character-ized by bone marrow failure, birth defects and chromosomal instability. At the cellular level, FA is characterized by spontaneous chromosomal breakage and a unique hypersensitivity to DNA cross-linking agents. At least 8 complementation groups (A-G) have been identified and 6 FA genes (for subtypes A, C, D2, E, F and G) have been cloned. The FA proteins lack sequence homologies or motifs that could point to a molecular function. Phosphorylation of FANC (Fanconi anemia complementation group) proteins are thought to be important for the function of the FA pathway. Several FA proteins, including FANCA, FANCC, FANCF, and FANCG, interact in a nuclear complex, and this complex is required for the activation (monoubiquitination) of the downstream FANCD2 protein. When monoubiquitinated, the FANCD2 protein co-localizes with the breast cancer susceptibility protein BRCA1 in DNA damage induced foci. In male meiosis, FANCD2 also co-localizes with BRCA1 at synaptonemal complexes. The human FANCD2 gene maps to chromosome 3p25.3, contains 44 exons and encodes a 1,451-amino acid nuclear protein that exists as 2 protein isoforms.

Note: This product is for in vitro research use only