DNA PKcs (Phospho-Ser2056) Conjugated Antibody

Catalog No: #C14139

Package Size: #C14139-AF350 100ul #C14139-AF405 100ul #C14139-AF488 100ul #C14139-AF555 100ul #C14139-AF594 100ul #C14139-AF647 100ul #C14139-AF680 100ul #C14139-AF750 100ul #C14139-Biotin 100ul

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

Description

Product Name	DNA PKcs (Phospho-Ser2056) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	Phospho-DNA PKcs (S2056) Antibody detects endogenous levels of total Phospho-DNA PKcs (S2056)
Immunogen Description	A synthesized peptide derived from human Phospho-DNA PKcs (S2056)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DNA- PKcs, DNA-dependent protein kinase catalytic subunit, DNPK1, EC 2.7.11.1, P460, PRKD, PRKDC, XRCC7, kinase DNA-PK
Accession No.	Uniprot:P78527
Uniprot	P78527
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	469kDa
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

The PRKDC gene encodes the catalytic subunit of a nuclear DNA-dependent serine/threonine protein kinase (DNA-PK). The second component is the autoimmune antigen Ku (MIM 152690), which is encoded by the G22P1 gene on chromosome 22q. On its own, the catalytic subunit of DNA-PK is inactive and relies on the G22P1 component to direct it to the DNA and trigger its kinase activity; PRKDC must be bound to DNA to express its catalytic properties.

Note: This product is for in vitro research use only