

DNA-PKcs/PRKDC Conjugated Antibody

Catalog No: #C48089



Package Size: #C48089-AF350 100ul #C48089-AF405 100ul #C48089-AF488 100ul

#C48089-AF555 100ul #C48089-AF594 100ul #C48089-AF647 100ul

#C48089-AF680 100ul #C48089-AF750 100ul #C48089-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	DNA-PKcs/PRKDC Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DNA dependent protein kinase catalytic subunit antibody DNA PK catalytic subunit antibody DNA-dependent protein kinase catalytic subunit antibody DNA-PK catalytic subunit antibody DNA-PKcs antibody DNAPK antibody DNAPK catalytic subunit antibody DNP1 1 antibody DNP1 antibody Hyper radiosensitivity of murine scid mutation, complementing 1 antibody Hyperradiosensitivity complementing 1, mouse, homolog of 1 antibody HYRC 1 antibody HYRC antibody HYRC1 antibody IMD26 antibody p350 antibody p460 antibody PRKDC antibody PRKDC antibody PRKDC_HUMAN antibody Protein Kinase DNA Activated Catalytic Polypeptide antibody XRCC 7 antibody XRCC7 antibody
Accession No.	Swiss-Prot#:P78527
Uniprot	P78527
GeneID	5591;
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	~469
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

DNA-activated serine/threonine protein kinase (DNA-PK) is a heterotrimer of PRKDC and the Ku p70-p86 (XRCC6-XRCC5) dimer. DNA-PK is a nuclear protein kinase that is involved in DNA nonhomologous end joining (NHEJ) required for double-strand break repair and V(D)J recombination.

Note: This product is for in vitro research use only