

DCK Conjugated Antibody

Catalog No: #C32437



Package Size: #C32437-AF350 100ul #C32437-AF405 100ul #C32437-AF488 100ul
 #C32437-AF555 100ul #C32437-AF594 100ul #C32437-AF647 100ul
 #C32437-AF680 100ul #C32437-AF750 100ul #C32437-Biotin 100ul

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 Support: tech@signalwayantibody.com

Description

Product Name	DCK Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total DCK protein.
Immunogen Description	Recombinant protein of human DCK.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MGC117410;MGC138632
Accession No.	Swiss-Prot#:P27707NCBI Gene ID:1633
Uniprot	P27707
GeneID	1633;
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	31
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

Product Description

Antibodies were purified by affinity purification using immunogen.

Background

Deoxycytidine kinase (dCK) is required for the phosphorylation of several deoxyribonucleoside analogues that are widely employed as chemotherapeutic agents(PMID:12628850). It is also a key enzyme in the phosphorylation of a variety of antineoplastic and antiviral nucleoside analogs including cytosine arabinoside (araC) and dideoxycytidine (ddCyd); deficiency of deoxycytidine kinase activity mediates resistance to these drugs(PMID:1996353). This protein can exist as a homodimer(PMID:16421443). This antibody is specific to DCK.

Note: This product is for in vitro research use only