NEK5 Conjugated Antibody

Catalog No: #C37379

Package Size: #C37379-AF350 100ul #C37379-AF405 100ul #C37379-AF488 100ul #C37379-AF555 100ul #C37379-AF594 100ul #C37379-AF647 100ul #C37379-AF680 100ul #C37379-AF750 100ul #C37379-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	NEK5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NEK5 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human NIMA-related kinase 5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	MGC75495; NEK5; Never in mitosis A-related kinase 5;
Accession No.	Swiss-Prot#:Q6P3R8NCBI Gene ID:341676NCBI Protein#:NP_001180462
Uniprot	Q6P3R8
GeneID	341676;
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
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

Nek5 (NimA-related protein kinase 5) is a 708 amino acid protein that is related to NIMA, a protein that was originally discovered in Aspergillus nidulans and is necessary for entry into mitosis. One of several members of the Set/Thr protein kinase super family, Nek5 contains one protein kinase domain through which it catalyzes the ATP-dependent phosphorylation of target proteins. Like NIMA, Nek5 may be involved in mitotic regulation and cell cycle control.

Note: This product is for in vitro research use only