

Product datasheet for **CF503367**

NEK9 Mouse Monoclonal Antibody [Clone ID: OTI7G7]

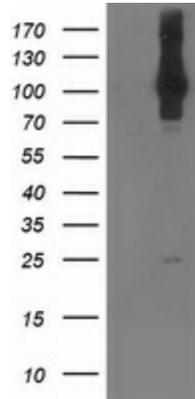
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI7G7
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NEK9(NP_149107) produced in HEK293 cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	107 kDa
Gene Name:	NIMA related kinase 9
Database Link:	NP_149107 Entrez Gene 217718 Mouse Entrez Gene 299204 Rat Entrez Gene 91754 Human Q8TD19
Synonyms:	APUG; LCCS10; NC; NERCC; NERCC1
Protein Families:	Druggable Genome, Protein Kinase

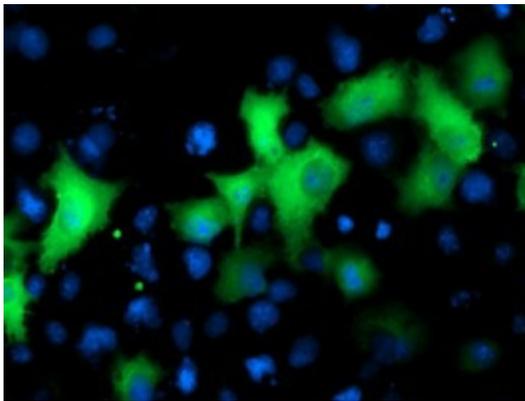


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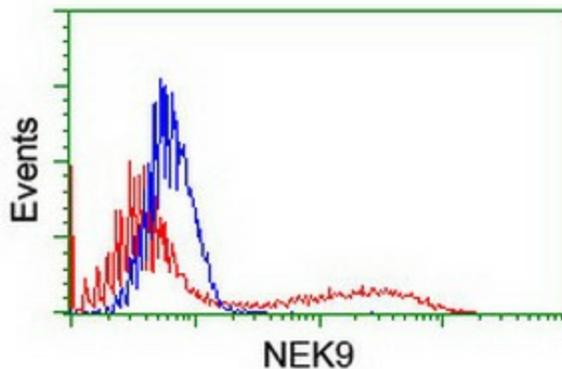
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NEK9 ([RC211326], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NEK9. Positive lysates [LY409721] (100ug) and [LC409721] (20ug) can be purchased separately from OriGene.



Anti-NEK9 mouse monoclonal antibody ([TA503367]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NEK9 ([RC211326]).



HEK293T cells transfected with either [RC211326] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-NEK9 antibody ([TA503367]), and then analyzed by flow cytometry.