

## Product datasheet for **CF501583**

### NEK11 Mouse Monoclonal Antibody [Clone ID: OTI4H5]

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI4H5   |
| Applications:           | IF, WB   |
| Recommended Dilution:   | WB 1:2000, IF 1:100  |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Full length human recombinant protein of human NEK11 (NP_079076) produced in HEK293T 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: | 74.0 kDa   |
| Gene Name:              | NIMA related kinase 11   |
| Database Link:          | <a href="#">NP_079076</a><br><a href="#">Entrez Gene 79858 Human</a><br><a href="#">Q8NG66</a>   |



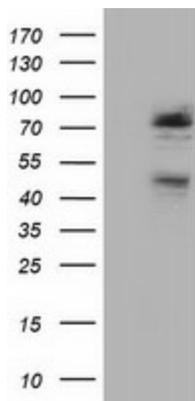
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**Background:** This gene encodes a member of the never in mitosis gene A family of kinases. The encoded protein localizes to the nucleoli, and may function with NEK2A in the S-phase checkpoint. The encoded protein appears to play roles in DNA replication and response to genotoxic stress. Alternatively spliced transcript variants have been described.

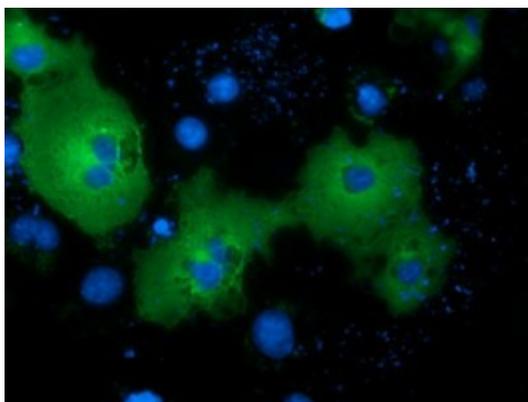
**Synonyms:** FLJ23495

**Protein Families:** Druggable Genome, Protein Kinase

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NEK11 ([RC221953], 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-NEK11. Positive lysates [LY411057] (100ug) and [LC411057] (20ug) can be purchased separately from OriGene.



Anti-NEK11 mouse monoclonal antibody ([TA501583]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NEK11 ([RC221953]).