

## Datasheet

### NEK11 monoclonal antibody (M01), clone 4E1-1F4

**Catalog Number:** H00079858-M01

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant NEK11.

**Clone Name:** 4E1-1F4

**Immunogen:** NEK11 (AAH28587, 1 a.a. ~ 482 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

MLKFQEAACVSGSTAISTYPKTLIARRYVLQQLGSG  
SFGTVYLVSDKKAKRGEELKVLKEISVGELNPNETVQA  
NLEAQLLSKLDHPAIVKHFASFVEQDNFCIITEYCEGRD  
LDDKIQEYKQAGKIFPENQIIWFQQLLGVDMHERRIL  
HRDLKSKNVFLKNNLLKIGDFGVSRLMGSCDLATTLT  
GTPHYMSPEALKHQGYDTKSDIWSLACILYEMCCMNH  
AFAGSNFLSIVLKIVEGDTPSLPERYPKELNAIMESMLN  
KNPSLRPSAIEILKIPYLDEQLQNLMCRYSEMTLEDKNL  
DCQKEAAHIINAMQKRIHLQTLRALSEVQKMPRERM  
RLRKLQAADEKARKLKKIVEEKYEENSKRMQELRSRN  
FQQLSVDVLHEKTHLKGMEEEKQPEGRLSCSPQDE  
DEERWQGREEESDEPTLENLPESQPIPSMDLHELESI  
VEDATSDLG YHGDCNLISLDEYWKNEK

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, IHC-P, S-ELISA, WB-Ce,  
WB-Re, WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG1 kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to

avoid repeated freezing and thawing.

**Entrez GeneID:** 79858

**Gene Symbol:** NEK11

**Gene Alias:** FLJ23495

**Gene Summary:** 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]