

---

## NLK Mouse mAb

Catalog Number: bsm-51414M

Target Protein: NLK

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: 6C1

Isotype: IgG2a

Applications: WB (1:500-2000)

Reactivity: (predicted:Human, Mouse, Rat)

Predicted MW: 58 kDa

Entrez Gene: 51701

Swiss Prot: Q9UBE8

Purification: affinity purified by Protein G

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Nemo-like kinase (NLK) plays a role in cell fate determination and is required for differentiation of bone marrow stromal cells. It acts downstream of MAP3K7 and HIPK2 to negatively regulate the canonical Wnt/beta-catenin signaling pathway and the phosphorylation and destruction of the MYB transcription factor. It may suppress a wide range of transcription factors by phosphorylation of the coactivator, CREBBP. (referenced from swissprot)