

**NELFE monoclonal antibody**

Catalog: MB11292

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

Essential component of the NELF complex, a complex that negatively regulates the elongation of transcription by RNA polymerase II. The NELF complex, which acts via an association with the DSIF complex and causes transcriptional pausing, is counteracted by the P-TEFb kinase complex. The NELF complex is involved in HIV-1 latency possibly involving recruitment of PCF11 to paused RNA polymerase II. Provides the strongest RNA binding activity of the NELF complex and may initially recruit the NELF complex to RNA. Binds to the HIV-1 TAR RNA which is located in the long terminal repeat (LTR) of HIV-1.

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 43 kDa; Observed MW: 43 kDa

**Swiss-Prot:**

P18615

**Purification&Purity:**

Affinity Purified

**Applications:**

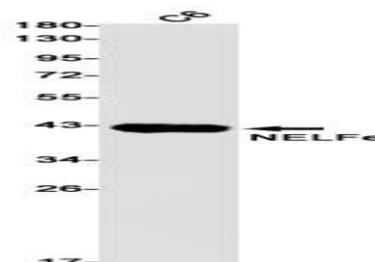
WB: 1/500-1/1000 IHC: 1/50-1/100 IP: 1/20

**Storage&Stability:**

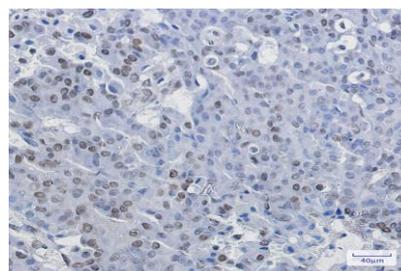
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of NELF in C6 lysates using NELFE antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using NELFE antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note:**

For research use only, not for use in diagnostic procedure.

**Bioworld Technology, Inc.**

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

**Bioworld technology, co. Ltd.**

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151