Ku70 monoclonal antibody

Catalog: MB9336 Host: Mouse Reactivity: Human, mouse

BackGround:

Together, Ku70 and Ku80 make up the Ku heterodimer, which binds to DNA double-strand break ends and is required for the non-homologous end joining (NHEJ) pathway of DNA repair. It is also required for V(D)J recombination, which utilizes the NHEJ pathway to promote antigen diversity in the mammalian immune system.In addition to its role in NHEJ, Ku is also required for telomere length maintenance and subtelomeric gene silencing. Ku was originally identified when patients with systemic lupus erythematosus were found to have high levels of autoantibodies to the protein.

Product:

Mouse IgG2a, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

70 kDa

Swiss-Prot:

P12956

Purification&Purity:

ProA affinity purified

Applications:

WB:1:2,000

IHC:1:100-1:200

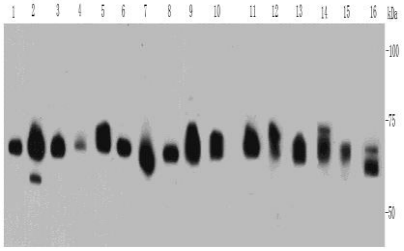
Storage&Stability:

Store at +4℃ after thawing. Aliquot store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.

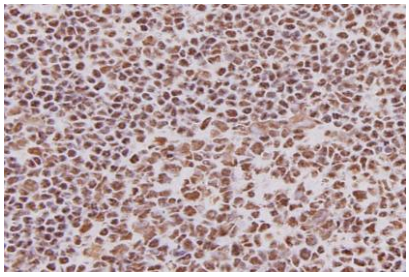
Specificity:

Ku70 monoclonal antibody detects endogenous levels of Ku70 protein.

DATA:



Western blot analysis of Ku70 on different cell lysates using anti-Ku70 antibody at 1/2000 dilution. Positive control: Lane 1: Hela Lane 2: HepG2 Lane 3: A431 Lane 4: D3 Lane 5: 293T Lane 6: A549 Lane 7: COS-1 Lane 8: Human kidney Lane 9: Human liver Lane 10: human brain Lane 11: Human thymus Lane 12: Human placentae Lane 13: Mouse kidney Lane 14: Mouse liver Lane 15: Mouse thymus Lane 16: Mouse testis



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Ku70 antibody. Counter stained with hematoxylin.

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@bioworlde.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
Tel: 0086-025-68037686
Fax: 0086-025-68035151