Anti-GAK antibody, mouse monoclonal (9-10)
Catalog # 71-203  100 ul

GAK (Cyclin-G-associated Kinase) a serine/threonine kinase that functions in the uncoating of clathrin-coated vesicles by Hsc70 in non-neuronal cells. Its non-kinase domain is homologous to auxilin that is mainly expressed in neuronal cells. Human GAK consists of 1,311 amino acids with molecular mass of 143 kDa.

Applications
Western blot 1/ 500 dilution
Immunohistochemistry 1/50 dilution
Immunofluorescent staining 1/50 dilution

Specifications
Immunogen: Recombinant rat GAK (kinase domain, 1-430)
Form: cell culture supernatant in PBS, 50% glycerol
Isotype: Mouse IgG
Shipped at 4°C and stored at -20°C

Data Link
UniProtKB O14976 Human, Entrez Gene 2580 Human

Reference
Fig. 1 Western blot analysis of endogenous GAK in whole cell extracts of TIG-1, HeLa S3, and PC-3 cells with anti-GAK monoclonal antibody, 9-10. The anti-GAK antibody was used at 1/500 dilution.

Fig. 2 Immunofluorescence staining of GAK in TIG-1 cells with anti-GAK antibody (9-10). The antibody was used at 1/50 dilution. As the second antibody, Texas-Red conjugated sheep anti-mouse IgG was used.

Fig. 3 Immunohistochemical staining of human prostate cancer tissues with anti-GAK antibody (9-10), showing nuclear accumulation of GAK in cancer cells. The anti-GAK antibody was used at 1/50 dilution.