

VRK1 monoclonal antibody

Catalog: MB67186

Host: Mouse

Reactivity: Human

BackGround:

The vaccinia-related kinase (VRK) proteins are a new group of Ser/Thr kinases in the human kinome. This mammalian kinase family comprises three members, VRK1, VRK2, and VRK3. The VRK1 has autophosphorylation activity and phosphorylates several transcription factors, including p53, ATF2, and c-Jun. VRK2 is associated with the endoplasmic reticulum. VRK3 suppresses Erk activity through direct interaction and activation of the MAP kinase phosphatase VHR. Further functional and structural analysis of VRK proteins will elucidate important new aspects of cell regulation.

Product:

Mouse IgG1. Supplied in crude ascites with 0.01% sodium azide.

Molecular Weight:

~ 48 kDa

Swiss-Prot:

Q99986

Purification&Purity:

Applications:

WB (1/500 - 1/2000)

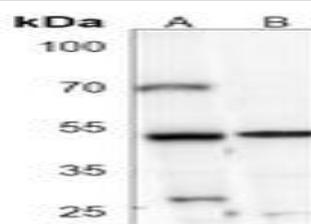
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of VRK1 protein.

DATA:



Western blot analysis of VRK1 expression in HeLa (A), HL60 (B) whole cell lysates.

Note:

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

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