

STK11 Ab

Images(1)

Cat.#: BF0281 Concn.: ~1mg/ml Mol.Wt.: 54kDa Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, FCM 1:200-1:400

*The optimal dilutions should be determined by the end user.

Reactivity: Human, Mouse, Monkey

Storage: Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH

7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.

Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human STK11 expressed in E. Coli.

Uniprot: Q15831

Description: ubiquitously expressed kinase of the CAMKL family with a tumor

suppressor activity. Phosphorylates AGS3 (activator of G-protein signaling 3) GPR domains, regulating the interaction of GPR-containing proteins with G-proteins. Strongest expression in testis and fetal liver. Mutations in LKB1

lead to the Peutz-Jeghers cancer syndrome.

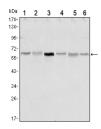


Figure 1: Western blot analysis using STK11 mouse mAb against NIH/3T3 (1),Raw246.7 (2), COS7 (3), Jurkat (4), HEK293 (5) and A431 (6) cell lysate.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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