



## SGK1 mouse mAb(4D12) antibody

| Catalog No :          | Source:  | Concentration : | Mol.Wt. (kD): |
|-----------------------|--|-----------------|---------------|
| A21447                | Rabbit   | 1 mg/ml         | 45-60 kD      |
| Applications          | WB,ELISA   |                 |               |
| Reactivity            | Human,Mouse,Rat  |                 |               |
| Dilution              | WB: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.  |                 |               |
| Storage               | -20°C/1 year   |                 |               |
| Specificity           | Phospho-SGK1 (S78) Polyclonal Antibody detects endogenous levels of SGK1 protein only when phosphorylated at S78.  |                 |               |
| Source / Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  |                 |               |
| Immunogen             | The antiserum was produced against synthesized peptide derived from human SGK around the phosphorylation site of Ser78. AA range:41-90   |                 |               |
| Uniprot No            | O00141   |                 |               |
| Alternative names     | SGK1; SGK; Serine/threonine-protein kinase Sgk1; Serum/glucocorticoid-regulated kinase 1   |                 |               |
| Form                  | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |                 |               |
| Clonality             | Monoclonal   |                 |               |
| Isotype               |  |                 |               |
| Conjugation           |  |                 |               |
| Background            | serum/glucocorticoid regulated kinase 1(SGK1) Homo sapiens This gene encodes a serine/threonine protein kinase that plays an important role in cellular stress response. This kinase activates certain potassium, sodium, and chloride channels, suggestin |                 |               |
| Other                 | Gene_name: SGK1 ; Protein_name: Serine/threonine-protein kinase Sgk1; Expression: Brain,Cervix,Hair follicle dermal papilla,Retina,  |                 |               |
| Product Images        |  |                 |               |

### Application Key:

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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*For life science research only. Not for use in diagnostic procedures.*

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