

## SGK1 (6E4) MOUSE MAB

**Cat.#:** N261303

**Product Name:** Anti-SGK1 (6E4) Mouse Monoclonal Antibody

**Synonyms:** SGK1; SGK; Serine/threonine-protein kinase Sgk1; Serum/glucocorticoid-regulated kinase 1

**UNIPROT ID:** O00141

**Background:** Serum and glucocorticoid-inducible kinase (SGK) is a serine/threonine kinase closely related to Akt. SGK is rapidly induced in response to a variety of stimuli, including serum, glucocorticoid, follicle stimulating hormone, osmotic shock, and mineralocorticoids. SGK activation can be accomplished via HGF PI3K-dependent pathways and by integrin-mediated PI3K-independent pathways. Induction and activation of SGK has been implicated in activating the modulation of anti-apoptotic and cell cycle regulation.

**Immunogen:** Synthetic peptide conjugated to KLH.

**Applications:** IHC-P

**Recommended Dilutions:** IHC: 1/50-1/100

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 6E4-8G5-6D10

**MW:** -

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human,Rat,Mouse

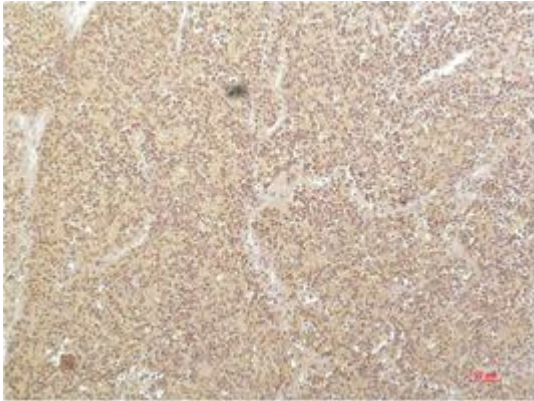
**Conjugation:** Unconjugated

**Modification:** Unmodified

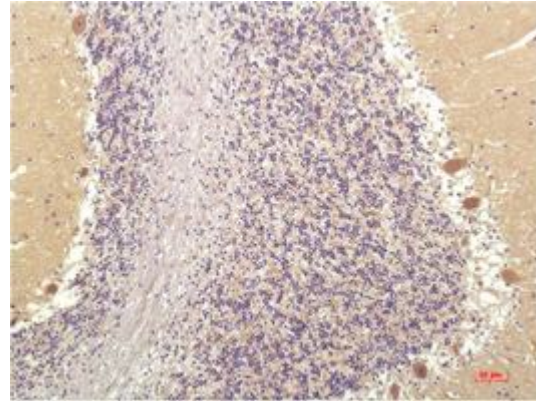
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Signal Transduction

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemical analysis of paraffin-embedded Human tonsils using SGK1 (6E4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human Brain Tissue using SGK1 (6E4) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.