

Purified anti-SIK2

Catalog # / Size: 636702 / 100 µg

Clone: S15G10

Isotype: Mouse IgG1, κ

Immunogen: Recombinant human SIK2

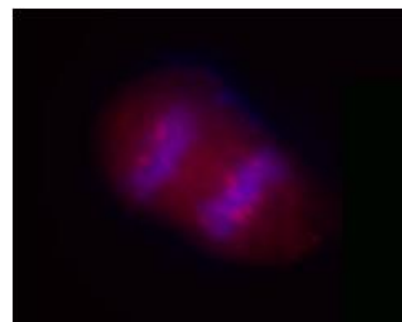
Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide at 0.5 mg/ml.

Concentration: 0.5 mg/ml

Storage: Upon receipt, store undiluted at 4°C. "



Overnight nocodazole treated Hela cells stained with purified mouse monoclonal antibody against SIK2 (clone S15G10), followed by Cy3 conjugated Goat anti-mouse IgG and DAPI.

Applications:

Applications: WB-*Quality tested*
IP, IF - *Reported in the literature*

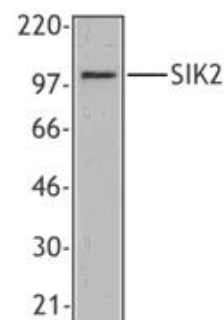
Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescence staining. For immunofluorescence microscopy: Use a dilution range of 1:100-1:400. It is recommended that the reagent be titrated.

Description: SIK2 (Salt inducible kinase 2) belongs to the protein kinase superfamily, CAMK Ser/Thr protein kinase family, and AMP-activated protein kinase (AMPK) subfamily, predicted molecular weight 104 kD. SIK2 is found in adipocytes and might be involved in metabolic regulation in adipose tissue. SIK2 phosphorylates ser794 of human insulin receptor substrate-1 (IRS1) in insulin-stimulated adipocytes, playing important roles in modulating the insulin-signaling cascade of adipocytes. Clone S15G10 has been shown to be useful for western blotting, immunoprecipitation, and immunofluorescence staining of human SIK2 protein.

Antigen References: 1. Horike N, *et al.* 2003. *J. Biol. Chem.* 278:18440.

Related Products:

Product	Clone	Application
AKP Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	ELISA, WB, IHC
HRP Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	ELISA, IHC, WB
Cy3 Goat anti-mouse IgG (minimal x-reactivity)	Poly4053	IF



Western blot analysis of extracts from Hela cells, using anti-SIK2, clone S15G10.



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