Mouse anti-Human SGK Monoclonal Antibody | anti-SGK antibody

SGK (SGK1, Serine/Threonine-protein Kinase SGK1, Serum/Glucocorticoid-regulated Kinase 1) (HRP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25539	**Mouse**	**Human**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

SGK; Monoclonal Antibody; SGK (SGK1; Serine/Threonine-protein Kinase SGK1; Serum/Glucocorticoid-regulated Kinase 1) (HRP); anti-SGK antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4D7-G3
Specificity	Recognizes human SGK.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-SGK antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3-5ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-432 from human SGK (AAH01263) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MTVKTEAAKGTLTYSRMRGMVAILIAFMKQRRMGLNDFIQKIANNSYACKHPEVQSILKISQPQEPELMNANPSPPPSPSQQINLGPSSNPHAKPSDFHFL
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to remov

IMAGES

WB (Western Blot)
Western blot analysis of SGK over-expressed 293 cell line, cotransfected with SGK Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with SGK monoclonal antibody. GAPDH (36.1kD) used as specificity and loading control.

Application Data
Detection limit for recombinant GST tagged SGK is ~1ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to SGK on HeLa cell. [antibody concentration 10ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to SGK on formalin-fixed paraffin-embedded human stomach tissue. [antibody concentration 5ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to SGK on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3ug/ml].

WB (Western Blot)
Western Blot analysis of SGK expression in transfected 293T cell line by SGK monoclonal antibody. Lane 1: SGK transfected lysate (48.9kD). Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SGK antibody	Antibodies; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	12654838
NCBI GeneID	6446
Molecular Weight	52,119 Da
NCBI Official Full Name	Homo sapiens serum/glucocorticoid regulated kinase 1, mRNA
NCBI Official Synonym Full Names	serum/glucocorticoid regulated kinase 1
NCBI Official Symbol	SGK1
NCBI Official Synonym Symbols	SGK
NCBI Protein Information	serine/threonine-protein kinase Sgk1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/sgk-antibody-clone-4d7-g3-immunohistochemistry-western-blot-elisa/25539