

AKT [pS473] ABfinity™ Recombinant Rabbit



Monoclonal Antibody - Purified

Catalog no. 700256

(See product label for lot information)

Clone/PAD: 99H9L9
Isotype: IgG
Gene ID: 207
Protein Acc. no.: P31749
Qty: 100 µg
Volume: 200 µl
Concentration: 0.5 mg/mL

Formulation

PBS + 0.09% sodium azide

Validation

Validated for use in ELISA

Reactivity

Human: this antibody is specific for pS473 and does not recognize non-phosphorylated AKT protein.

Immunogen

peptide

Immunogen sequence

HFPQF[pS]YSAS

Storage

2-8°C for up to 1 month, -20°C for long term storage. Avoid repeated freezing and thawing.

Expiration Date

Expires one year from date of receipt when stored as instructed.

Background

Akt, also known as protein kinase B (PKB) or RAC-alpha, is an ubiquitous serine/threonine kinase that plays an important role in diverse biological responses such as regulation of metabolism, cell survival and growth by phosphorylating multiple proteins (1)

References

1. Sale, EM and Sale, GJ (2008) Review. Protein kinase B: signaling roles and therapeutic targeting. Cell Mol Life Sci 65:113-127.

Applications:

Following applications had been tested during development. To make sure the consistency and reliability in the future lots, each lot is tested with antigen ELISA for specificity and potency. Each lot is also tested with SDS-PAGE, to ensure high purity.

	Species	Test Material	Concentration
ELISA	Detector		1-5 µg/ml

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		In vitro diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

For Research Use Only. CAUTION: Not for human or animal therapeutic or diagnostic use.

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