

ABfinity™ p70S6K Recombinant Rabbit Monoclonal Antibody

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Rev. 1.00

Catalog Number: 701261

Store at 2°C to 8°C (short-term), or -20°C (long-term)

Clonality:	Monoclonal	Host/Class:	Rabbit IgG
Concentration:	0.5 mg/mL	Reactivity:	Human p70S6 Kinase
Quantity:	100 µg	Predicted Reactivity:	Human
Volume:	200 µL		

Product Description

p70 Ribosomal Protein S6 Kinase (p70S6K) is a 70 kDa member of the ribosomal S6 kinase (RSK) family of serine/threonine kinases. It is predominantly localized in the cytoplasm, and is essential in growth factors regulated cell proliferation, pathways involving cell motility, such as metastases, the immune response, and tissue repair. p70S6K acts downstream of phosphoinositide (PI) 3-kinase, and its main physiological target is the S6 ribosomal protein, which is involved in upregulation of protein synthesis.

Product Specifications

Immunogen:	Peptide corresponding to amino acids 294–306 of human p70 Ribosomal Protein S6 Kinase
Alternate Names:	PS6K, CBP
Apparent MW:	~70 kDa
Gene ID:	6198
Protein Accession No.:	P62753
Sequence Identity:	Human
Sequence Homology:	Mouse, Rat, Monkey, Rabbit
Clone/PAD:	15H5L2
Lot:	See product label

Product Applications

Application	Species	Test Material	Concentration
Western blotting	Human	U87MG cells	2–3 µg/mL

Storage and Handling

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

Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label.

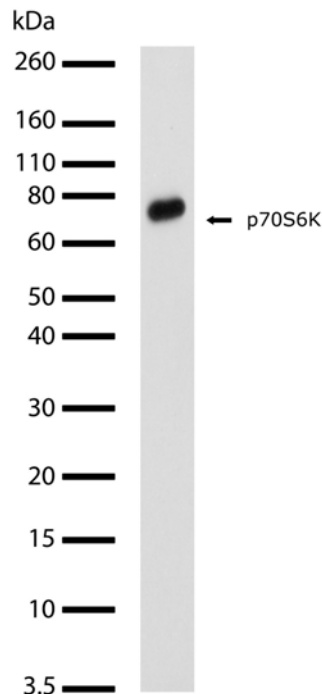


Figure 1 Western blot analysis of ABfinity™ p70S6K Recombinant Rabbit Monoclonal Antibody (Cat. no. 701261)

Western blot analysis was performed on U87MG whole cell extracts. An endogenous level of p70S6K was detected at ~70 kDa using ABfinity™ p70S6K Recombinant Rabbit Monoclonal Antibody at a concentration of 2 µg/mL. The blot was developed using enhanced chemiluminescence (ECL) method.

Storage Buffer

Phosphate buffered saline (PBS) with 0.09% sodium azide.

Caution: Sodium azide is extremely toxic and may react with lead and copper plumbing to form highly explosive metal azides. Properly dispose of solutions containing sodium azide. Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing and gloves. Safety Data Sheets (SDSs) are available at www.lifetechnologies.com/support.

For research use only. Not for human or animal therapeutic or diagnostic use.

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


Product Documentation

To obtain a Certificate of Analysis or SDS, visit
www.lifetechnologies.com/support.

Related Products

Product Name	Quantity	Catalog No.
iBlot [®] Dry Blotting System	1 unit	IB1001
WesternBreeze [®] Chromogenic Kit Anti-Rabbit	1 kit	WB7105
WesternBreeze [®] Chemiluminescent Kit, Anti-Rabbit	1 kit	WB7106
Goat anti-mouse (H+L), HRP conj.	1 mg	G21040
Goat anti-rabbit (H+L), HRP conj.	1 mg	G21234
Goat anti-mouse (H+L), AP conj.	1 mg	G21060
Goat anti-rabbit (H+L), AP conj.	1 mg	G21079
Nitrocellulose, 0.2 µm	20/pack	LC2000

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.		

Limited Product Warranty

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