

Datasheet for ABIN931209
anti-MSK2 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	MSK2 (RPS6KA4)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MSK2 antibody is un-conjugated
Application:	Dot Blot (DB)

Product Details

Immunogen:	RPS6 KA4 antibody was raised in mouse using recombinant Human Ribosomal Protein S6 Kinase, 96 da, Polypeptide 4 (Rps6 a4)
Clone:	2934C1a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	MSK2 (RPS6KA4)
Alternative Name:	RPS6KA4 (RPS6KA4 Products)

Target Details

Background: This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 non-identical kinase catalytic domains and phosphorylates various substrates, including CREB1 and c-Fos. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. Synonyms: Monoclonal RPS6KA4 antibody, Anti-RPS6KA4 antibody, Ribosomal protein S6 kinase alpha-4 antibody, MSK2 antibody, RSK-B antibody.

Application Details

Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: RPS6 KA4 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

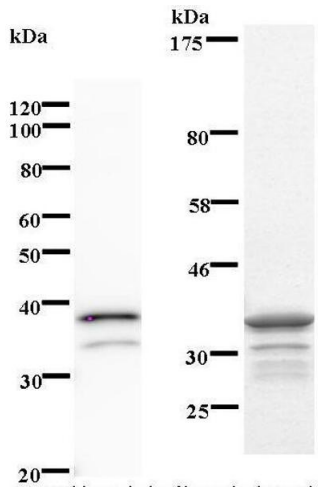
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1. Left: rps6ka4 staining. Right: Coomassie Blue staining of immunized recombinant protein.