

Datasheet for ABIN931074

anti-RHOB antibody**1** Image[Go to Product page](#)

Overview

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

Product Details

Immunogen:	RHOB antibody was raised in mouse using recombinant Human Ras Homolog Gene Family, Member B (Rhob)
Clone:	2916C2a
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	RHOB
Alternative Name:	RHOB (RHOB Products)

Target Details

Background: RHOB mediates apoptosis in neoplastically transformed cells after DNA damage. Not essential for development but affects cell adhesion and growth factor signaling in transformed cells. Plays a negative role in tumorigenesis as deletion causes tumor formation. Involved in intracellular protein trafficking of a number of proteins. Targets PKN1 to endosomes and is involved in trafficking of the EGF receptor from late endosomes to lysosomes. Also required for stability and nuclear trafficking of AKT1/AKT which promotes endothelial cell survival during vascular development. Synonyms: Monoclonal RHOB antibody, Anti-RHOB antibody, Ras homolog gene family member B antibody, ARH6 antibody, ARHB antibody, RHOH6 antibody, MST081 antibody, MSTP081 antibody.

Application Details

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

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: RHOB 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).

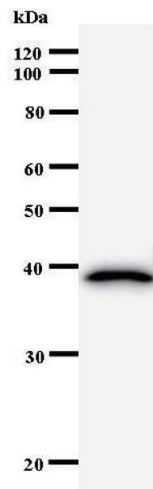
Preservative: Sodium azide

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.