



Rabbit Anti-Human RhoB monoclonal antibody, clone 20I2M6 (CABT-L1568)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Mouse, Goat and Cat
Target	RHOB
Immunogen	Peptides corresponding to Human RHOB (aa 128-145, 50-65)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	20I2M6
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS, pH 7.2
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction

Rho-related GTP-binding protein (RhoB) mediates apoptosis in neoplastically transformed cells after DNA damage. While not essential for development, it does affect cell adhesion and growth factor signaling in transformed cells. RhoB 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. Serves as a tumor suppressor- deletion of RhoB causes tumor formation.

Keywords

RHOB;ras homolog family member B;ARH6, ARHB, ras homolog gene family, member B;rho-related GTP-binding protein RhoB;MST081;oncogene RHO H6;RhoB;RHOH6;h6;rho cDNA clone 6;Aplysia RAS-related homolog 6;ras homolog gene family, member B;ARH6;ARHB;MSTP081

GENE INFORMATION

Entrez Gene ID

[388](#)

UniProt ID

[P62745](#)