

Immunotag™ RHOB Antibody

Antibody Specification	
Catalog No.	ITA5316
Product Description	Immunotag™ RHOB Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RHOB
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IHC 1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	RHOB Antibody detects endogenous levels of total RHOB
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	RHOB
Accession No.	P62745
Alternate Names	Aplysia RAS-related homolog 6; ARH6; ARHB; H6; MST081; MSTP081; oncogene RHO H6; ras homolog family member B; ras homolog gene family, member B; Rho cDNA clone 6; Rho related GTP binding protein RhoB Precursor; Rho-related GTP-binding protein RhoB; Rhob; RHOB_HUMAN; RHOH6;

Antibody Specification

Description	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. Serves as a microtubule-dependent signal that is required for the myosin contractile ring formation during cell cycle cytokinesis. Required for genotoxic stress-induced cell death in breast cancer cells.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	22 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.