

Immunotag™ Rab 2A Monoclonal Antibody

Antibody Specification	
Catalog No.	ITM1089
Product Description	Immunotag™ Rab 2A Monoclonal Antibody
Size	50 µg, 100 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	Rab 2A
Clonality	Monoclonal
Storage/Stability	-20°C/1 year
Application	WB,IF
Recommended Dilution	Western Blot: 1/1000 - 1/2000. Immunofluorescence: 1/100 - 1/500. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat,Bovine,Chicken,Dog,Pig,Zebrafisheep
Host Species	Mouse
Immunogen	Purified recombinant human Rab 2A (C-terminus) protein fragments expressed in Ecoli
Specificity	Rab 2A Monoclonal Antibody detects endogenous levels of Rab 2A protein.
Purification	Affinity purification
Form	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol.
Gene Name	RAB2A
Accession No.	P61019 P53994 P05712
Alternate Names	RAB2A; RAB2; Ras-related protein Rab-2A

Antibody Specification

Description	RAB2A, member RAS oncogene family(RAB2A) Homo sapiens The protein encoded by this gene belongs to the Rab family, members of which are small molecular weight guanosine triphosphatases (GTPases) that contain highly conserved domains involved in GTP binding and hydrolysis. The Rabs are membrane-bound proteins, involved in vesicular fusion and trafficking. This protein is a resident of pre-Golgi intermediates, and is required for protein transport from the endoplasmic reticulum (ER) to the Golgi complex. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011],
Protein Expression	Brain,Skin,
Subcellular Localization	Golgi membrane,intracellular,nucleus,lysosomal membrane,endoplasmic reticulum membrane,Golgi apparatus,endoplasmic reticulum-Golgi intermediate compartment membrane,melanosome,extracellular exosome,
Protein Function	function:Required for protein transport from the endoplasmic reticulum to the Golgi complex.,similarity:Belongs to the small GTPase superfamily. Rab family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Interacts with PRKCI.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.