SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0012-200	800 µg

Anti-Rab5b

Source: Goat

General description: Goat polyclonal antibody to mouse Rab5b. Rab5b belongs to the small GTPase superfamily, Rab family. Rab5b is an Early Endosome Marker and functions as a key regulator of vesicular trafficking during early endocytosis.

Alternative names: RAB5B, RAS-associated protein RAB5B, ras-related protein Rab-5B antibody.

Form: Polyclonal antibody supplied as a 200 µl (4 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 115 aa to the C-terminus of mouse Rab5b produced in E. coli.

Specificity: Detects Rab5b protein by Western blot in cell lysates of transfected cells with GFP-Rab5b. This Ab is specific for Rab5b; it does not recognize Rab5a and Rab5c.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	+++	+++	+++	ND
Rat	+++	+++	+++	+++	ND
Mouse	+++	+++	+++	+++	ND
Canine	+++	+++	+++	+++	ND
Monkey	+++	+++	+++	+++	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

WB:	1:250-1:1,000
IF:	1:50-1:250
IHC (F):	1:100-1:500

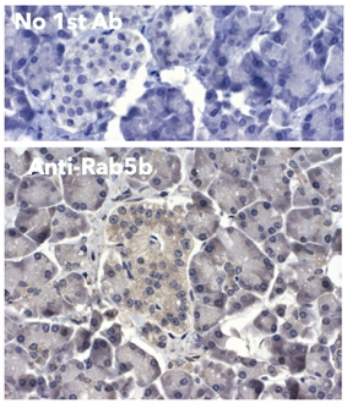
IHC (P): 1:100-1:500

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

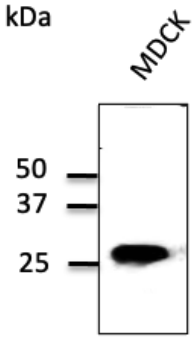
Special instructions: The antibody solution should be gently mixed before use. Avoid freeze/thaw cycles..

References:

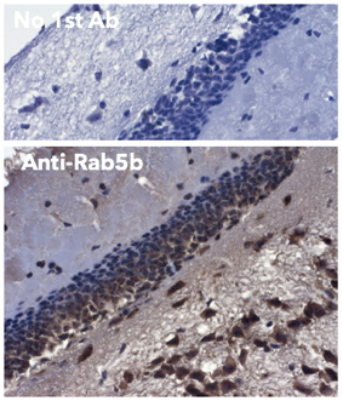
1. Cardoso MHS, PhD Thesis, NOVA University of Lisbon, Portugal 2018



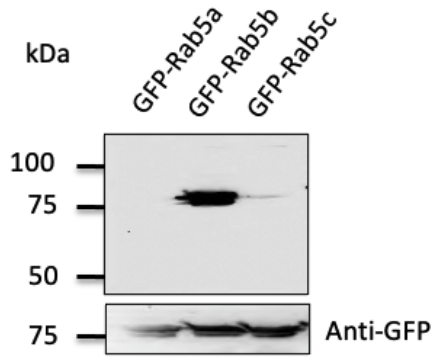
IHC of mouse pancreas using anti-Rab5b antibody and FFPE tissue after heat-induced antigen retrieval. Anti-Rab5b Ab at 1:250/DAB detection;



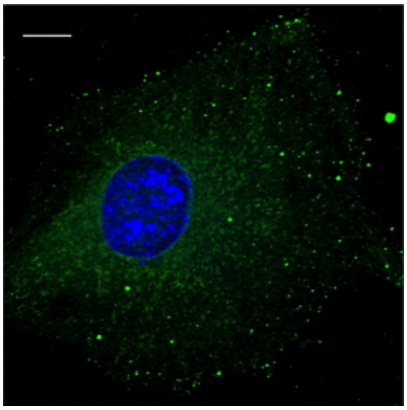
Anti-Rab5b Ab at 1/500 dilution; lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



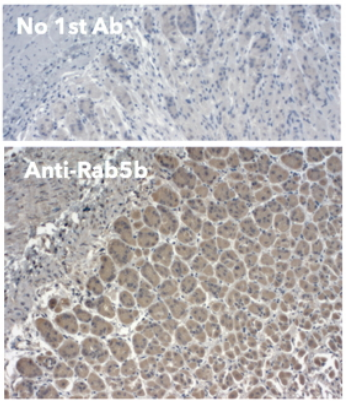
IHC of mouse retina using anti-Rab5b antibody and FFPE tissue after heat-induced antigen retrieval. Anti-Rab5b Ab at 1:500/DAB detection;



Anti-Rab5b Ab at 1/500 dilution; 293 cells transfected with GFP-Rab5; lysates at 50 µg per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;



Immunofluorescence – anti-Rab5b Ab using B6-RPE07 cells at 1/100 dilution;



IHC of mouse stomach using anti-Rab5b antibody and FFPE tissue after heat-induced antigen retrieval. Anti-Rab5b Ab at 1:500/DAB detection;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.