

Datasheet for ABIN5542375  
**anti-RAB5 antibody (AA 1-215)**

8 Images

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## Overview

Quantity:	0.1 mg
Target:	RAB5 (RAB5A)
Binding Specificity:	AA 1-215
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

## Product Details

Immunogen:	Purified recombinant fragment of human Rab5a (AA: 1-215) expressed in E. coli.
Clone:	3H5C11
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	RAB5 (RAB5A)
Alternative Name:	Rab5a ( <a href="#">RAB5A Products</a> )
Background:	Description: RAB5A (RAB5A, Member RAS Oncogene Family) is a Protein Coding gene. Diseases associated with RAB5A include borna disease and choroideremia. Among its related pathways are Ras signaling pathway and Endocytosis. GO annotations related to this gene

## Target Details

	include GTP binding and GDP binding. An important paralog of this gene is RAB5C., Aliases: RAB5
Molecular Weight:	23.7 kDa
Gene ID:	5868
HGNC:	5868
Pathways:	<a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a>

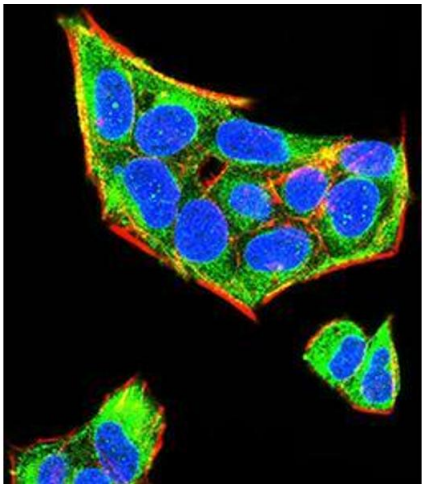
## Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

## Handling

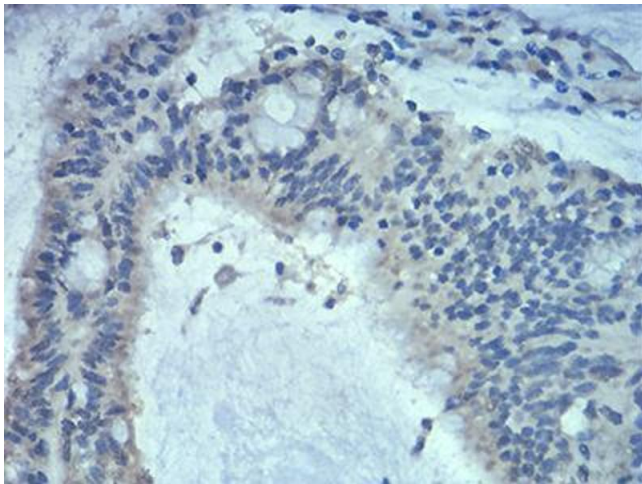
Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

## Images



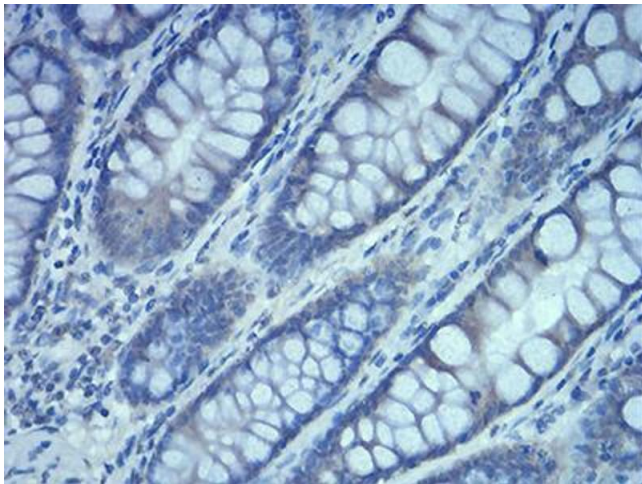
### Immunofluorescence

**Image 1.** Immunofluorescence analysis of HeLa cells using Rab5a mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



#### Immunohistochemistry

**Image 2.** Immunohistochemical analysis of paraffin-embedded colon cancer tissues using Rab5a mouse mAb with DAB staining.



#### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffin-embedded duodenum tissues using Rab5a mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN5542375.