

## Datasheet for ABIN969377

**anti-RAB25 antibody**

4 Images

1 Publication

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## Overview

Quantity:	100 µL
Target:	RAB25
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RAB25 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Flow Cytometry (FACS), Immunocytochemistry (ICC)

## Product Details

Immunogen:	Purified recombinant fragment of Rab25 expressed in E. coli.
Clone:	3F12
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	RAB25
Alternative Name:	Rab25 ( <a href="#">RAB25 Products</a> )
Background:	Description: Members of the Ras-related superfamily of GTP binding proteins, which includes Ras, Rho, Rab and ARF subfamilies, exhibit 30-50 % similarity with Ras p21. Rab proteins play an important role for either in endocytosis or in biosynthetic protein transport. The possibility

## Target Details

that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the SEC4 protein, which is 40 % similar to Rab proteins, is associated with secretory vesicles. Rab proteins located on the cytoplasmic face of organelles and vesicles, rab proteins are involved in intracellular membrane fusion reactions. Rab25 was cloned from a gastric parietal cell cDNA library and is expressed in epithelial tissues such as the gastrointestinal mucosae, kidney, and lung, which encoded a protein of 28 kDa.

Aliases: CATX-8, RAB25

Molecular Weight:	24 kDa
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Gene ID:	57111
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HGNC:	57111
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## 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
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Buffer:	Ascitic fluid containing 0.03 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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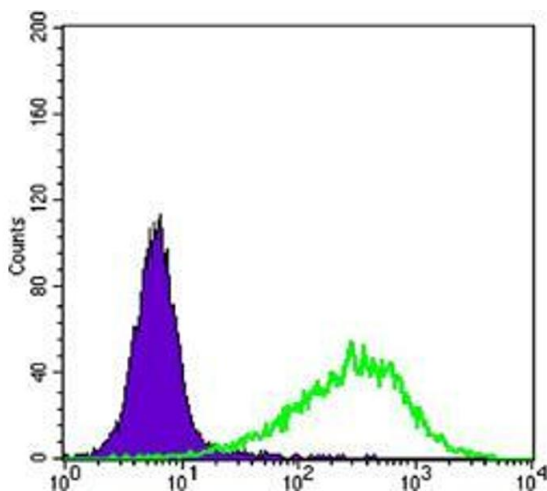
Storage Comment:	4°C, -20°C for long term storage
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## Publications

Product cited in:	Mishra, Thakur, Somal, Parmar, Yadav, Bharati, Bharti, Paul, Verma, Chouhan, Sharma, Singh, González, D'Occhio, Sarkar et al.: "Expression and localization of angiopoietin family in buffalo ovarian follicles during different stages of development and modulatory role of angiopoietins on steroidogenesis and survival of cultured ..." in: <b>Theriogenology</b> , Vol. 86, Issue 7, pp. 1818-33, (2016) ( <a href="#">PubMed</a> ).
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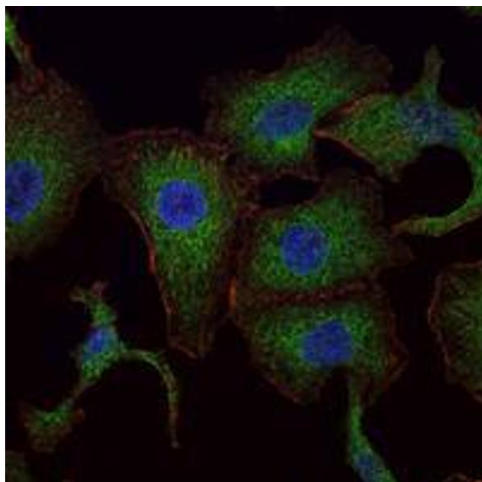
Mishra, Parmar, Yadav, Reshma, Bharati, Bharti, Paul, Chouhan, Taru Sharma, Singh, Sarkar et al.: "Expression and localization of angiopoietin family in corpus luteum during different stages of oestrous cycle and modulatory role of angiopoietins on steroidogenesis, angiogenesis and survivability ..." in: **Reproduction in domestic animals = Zuchthygiene**, Vol. 51, Issue 6, pp. 855-869, (2016) ([PubMed](#)).

## Images



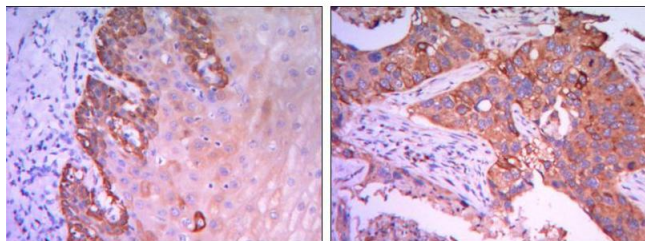
### Flow Cytometry

**Image 1.** Flow cytometric analysis of NIH/3T3 cells using Rab25 mouse mAb (green) and negative control (purple).



### Immunofluorescence

**Image 2.** Immunofluorescence analysis of A549 cells using RAB25 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



#### Immunohistochemistry

**Image 3.** Immunohistochemical analysis of paraffin-embedded esophagus tissues (left) and human lung cancer (right) using Rab25 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN969377.