

# [KO]Rab5 Rabbit mAb

Catalog # AP75987

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IHC-P              |
| <b>Primary Accession</b> | <a href="#">P20339</a> |
| <b>Reactivity</b>        | Rat, Human, Mouse      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Monoclonal Antibody    |
| <b>Isotype</b>           | IgG                    |
| <b>Conjugate</b>         | Unconjugated           |
| <b>Purification</b>      | Affinity Purified      |
| <b>Calculated MW</b>     | 24 KDa                 |

## Additional Information

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|--------------------|-------------------------------------------------------------------------------------------------|
| <b>Other Names</b> | RAB5A                                                                                           |
| <b>Dilution</b>    | WB~~1:1000-1:5000 IHC-P~~N/A                                                                    |
| <b>Format</b>      | Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. |
| <b>Storage</b>     | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.        |

## Protein Information

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### Background

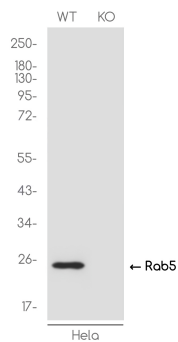
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Rab5 is a member of the Ras superfamily of small Rab GTPases. Rab5 is localized at the plasma membrane and early endosomes and functions as a key regulator of vesicular trafficking during early endocytosis (1). The conformational change between Rab5 GTP/GDP states is essential for its biological function as a rate limiting regulator at multiple steps during endocytosis.

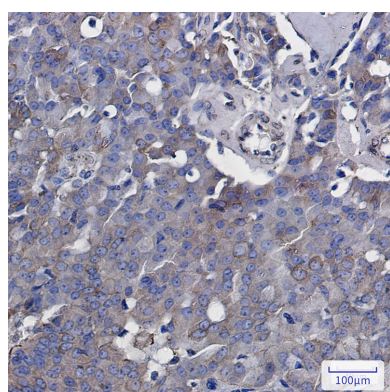
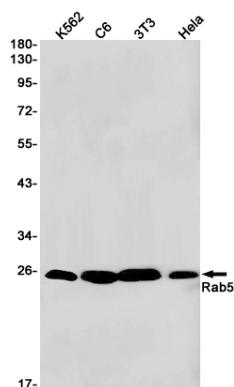
### Images

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Western blot analysis of Rab5 in HeLa(WT) and Rab5-Knockout HeLa(KO) using Rab5 antibody.



Western blot analysis of Rab5 in K562, C6, 3T3, HeLa lysates using Rab5 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Rab5 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.