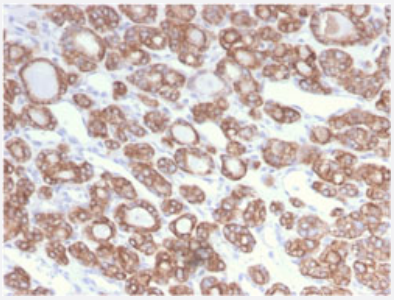
RecomAb™

# KRT18 recombinant monoclonal antibody, clone KRT18/2808R

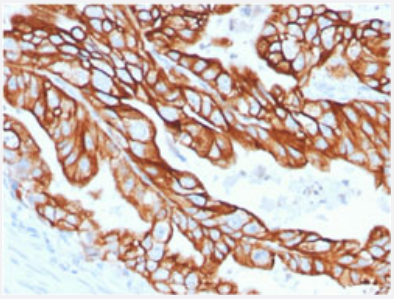
Catalog # RAB00569 Size 100 ug

## Applications



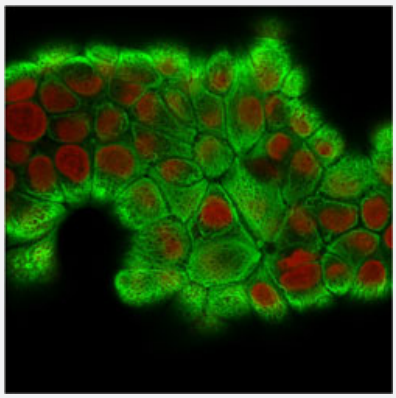
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human thyroid carcinoma.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon carcinoma.



### Immunofluorescence

Immunofluorescent staining of MCF-7 cells followed by goat anti-mouse IgG conjugated to CF488 (green). The nuclear counterstain is Reddot (Red).

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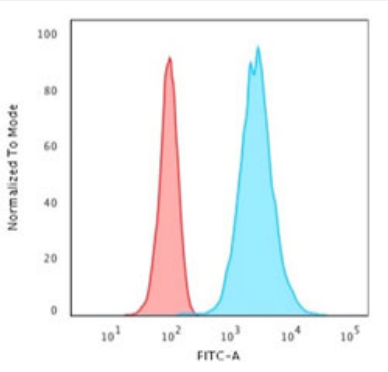
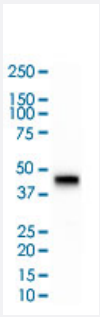



## Flow Cytometry

Flow cytometric analysis of HeLa cells. Goat anti-rabbit IgG-CF488 (Blue) ; Isotype Control (Red).




## Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HCT116 cell lysate.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against full length human KRT18. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Recombinant protein corresponding to full-length human KRT18. |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Protein A/G purification |
| **Isotype** | IgG |
| **Recommend Usage** | Flow Cytometry (1-2 ug/million cells)<br>Immunofluorescence (1-2 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL)<br>Western Blot (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 1 mg/mL PBS |
| **Storage Instruction** | Store at -20 to -80°C. |

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## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human thyroid carcinoma.

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  Immunohistochemical staining of human colon carcinoma.

- Immunofluorescence

  Immunofluorescent staining of MCF-7 cells followed by goat anti-mouse IgG conjugated to CF488 (green). The nuclear counterstain is Reddot (Red).

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  Flow cytometric analysis of HeLa cells. Goat anti-rabbit IgG-CF488 (Blue) ; Isotype Control (Red).

- Western Blot (Cell lysate)

  Western Blot (cell lysate) analysis of HCT116 cell lysate.

## Gene Info — KRT18

| | |
|---|---|
| **Entrez GeneID** | 3875 |
| **Protein Accession#** | P05783 |
| **Gene Name** | KRT18 |
| **Gene Alias** | CYK18, K18 |
| **Gene Description** | keratin 18 |
| **Omim ID** | 148070 215600 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its fila ment partner keratin 8, are perhaps the most commonly found members of the intermediate filam ent gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protei n have been found for this gene. [provided by RefSeq |
| **Other Designations** | cell proliferation-inducing protein 46\|cytokeratin 18 |

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## Pathway

- Pathogenic Escherichia coli infection - EHEC

## Disease

- Cleft Lip
- Cleft Palate
- Drug-Induced Liver Injury
- Genetic Predisposition to Disease
- Liver Cirrhosis
- Liver Failure

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