

RecomAb™

## MATR3 recombinant monoclonal antibody, clone R03-8O9

Catalog # RAB05269      Size 100 uL

### Specification

|                      |                                                                                                                                                                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description  | Rabbit recombinant monoclonal antibody raised against human Matrin 3.                                                                                                                                                                                   |
| Antibody Species     | Rabbit                                                                                                                                                                                                                                                  |
| Immunogen            | Original antibody is raised against recombinant protein corresponding to human Matrin 3                                                                                                                                                                 |
| Theoretical MW (kDa) | Calculated MW: 95 kD                                                                                                                                                                                                                                    |
| Reactivity           | Human                                                                                                                                                                                                                                                   |
| Form                 | Liquid                                                                                                                                                                                                                                                  |
| Purification         | Affinity purification                                                                                                                                                                                                                                   |
| Isotype              | IgG                                                                                                                                                                                                                                                     |
| Recommend Usage      | Flow cytometry (1/50-1/100)<br>Immunofluorescence (1/50-1/200)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)(1/50-1/100)<br>Western Blot (1/500-1/1000)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer       | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)                                                                                                                                                                                       |
| Storage Instruction  | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                                                                                  |
| Note                 | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                                                                                  |

### Applications

- Western Blot

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunocytochemistry
- Immunofluorescence
- Flow Cytometry

## Gene Info — MATR3

|                    |                                                                                                                                                                                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">9782</a>                                                                                                                                                                                                                                                                                                |
| Gene Name          | MATR3                                                                                                                                                                                                                                                                                                               |
| Gene Alias         | DKFZp686K0542, DKFZp686K23100, KIAA0723, MGC9105                                                                                                                                                                                                                                                                    |
| Gene Description   | matrin 3                                                                                                                                                                                                                                                                                                            |
| Omim ID            | <a href="#">164015</a>                                                                                                                                                                                                                                                                                              |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                           |
| Gene Summary       | The protein encoded by this gene is localized in the nuclear matrix. It may play a role in transcripti on or may interact with other nuclear matrix proteins to form the internal fibrogranular network. Two transcript variants encoding the same protein have been identified for this gene. [provided by Ref Seq |
| Other Designations | -                                                                                                                                                                                                                                                                                                                   |

## Disease

- [Chromosome Deletion](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Myelodysplastic Syndromes](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)