

## Pax2 recombinant antibody

Pax2 Rabbit mAb

|                               |                       |                                   |                                                                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA315086</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

Pax2; Monoclonal Recombinant Antibody; Pax2 Rabbit mAb; PAX2; Paired box protein Pax-2; Pax2 recombinant antibody

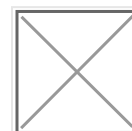
### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                  |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                           |
| Reactivity                                            | Human, Mouse                                                                                     |
| Clonality                                             | Monoclonal                                                                                       |
| Isotype                                               | Rabbit IgG                                                                                       |
| Specificity                                           | Pax2 Antibody detects endogenous levels of total Pax2                                            |
| Purity/Purification                                   | Affinity-chromatography                                                                          |
| Form/Format                                           | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Applicable Applications for Pax2 recombinant antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)                         |
| Immunogen                                             | A synthesized peptide derived from human Pax2                                                    |
| Preparation and Storage                               | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.       |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human colon using Pax2 Antibody.



**WB (Western Blot)**  
Western blot analysis of Pax2 expression in Human fetal kidney lysate.

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Pax2 recombinant antibody | PAX2 mutations can be responsible for renal hypoplasia, either isolated or associated with various ophthalmologic manifestations ranging from retinal coloboma to microphthalmia. Lesions in the PAX6 gene accounts for most cases of aniridia, a congenital malformation of the eye, chiefly characterized by iris hypoplasia, which can cause blindness. |
| Product Categories/Family for Pax2 recombinant antibody   | <a href="#">Recombinant Rabbit Monoclonal</a>                                                                                                                                                                                                                                                                                                              |

### NCBI AND UNIPROT INFORMATION

|                     |                                                                                                                                                     |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #           | <a href="#">223590261</a>                                                                                                                           |
| NCBI GeneID         | <a href="#">5076</a>                                                                                                                                |
| UniProt Accession # | <a href="#">Q02962</a> ; <a href="#">Q15105</a> ; <a href="#">Q15110</a> ; <a href="#">Q15837</a> ; <a href="#">Q5SZP2</a> ; <a href="#">Q5SZP3</a> |

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| Molecular Weight                 | 393                                                  |
| NCBI Official Full Name          | Paired box protein Pax-2                             |
| NCBI Official Synonym Full Names | paired box 2                                         |
| NCBI Official Symbol             | PAX2                                                 |
| NCBI Official Synonym Symbols    | FSGS7; PAPRS                                         |
| NCBI Protein Information         | paired box protein Pax-2; paired box homeotic gene 2 |
| UniProt Protein Name             | Paired box protein Pax-2                             |
| UniProt Gene Name                | <b>PAX2</b>                                          |
| UniProt Entry Name               | PAX2_HUMAN                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pax2-recombinant-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/315086>