

## Product datasheet

### anti-Prostate-Specific Antigen mouse monoclonal, ER-PR8, ascites fluid

#### Short overview

|                 |       |
|-----------------|-------|
| <b>Cat. No.</b> | 10815 |
| <b>Quantity</b> | 1 ml  |

#### Product description

|                      |                                                                                                                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>          | Mouse                                                                                                                         |
| <b>Antibody Type</b> | Monoclonal                                                                                                                    |
| <b>Isotype</b>       | IgG1                                                                                                                          |
| <b>Clone</b>         | ER-PR8                                                                                                                        |
| <b>Immunogen</b>     | Isolated from human prostatic carcinoma                                                                                       |
| <b>Formulation</b>   | Contains 0.09% sodium azide                                                                                                   |
| <b>UniprotID</b>     | P07288 (Human)                                                                                                                |
| <b>Synonym</b>       | Prostate-specific antigen, PSA, EC 3.4.21.77, Gamma-seminoprotein, Semin, Kallikrein-3, P-30 antigen, Semenogelase, KLK3, APS |
| <b>Note</b>          | Centrifuge prior to opening                                                                                                   |
| <b>Conjugate</b>     | Unconjugated                                                                                                                  |
| <b>Purification</b>  | Ascites                                                                                                                       |
| <b>Storage</b>       | Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles                                         |
| <b>Intended use</b>  | Research use only                                                                                                             |
| <b>Application</b>   | ICC/IF, IHC, WB                                                                                                               |
| <b>Reactivity</b>    | Human                                                                                                                         |

#### Applications

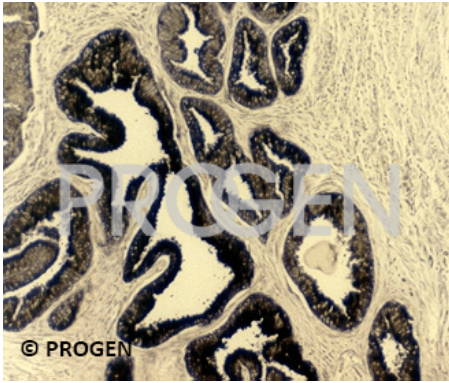
|                                              |                                        |
|----------------------------------------------|----------------------------------------|
| <b>Immunocytochemistry (ICC)</b>             | Assay dependent                        |
| <b>Immunohistochemistry (IHC) - frozen</b>   | 1:10                                   |
| <b>Immunohistochemistry (IHC) - paraffin</b> | 1:10 (microwave treatment recommended) |
| <b>Western Blot (WB)</b>                     | Assay dependent                        |

#### Background

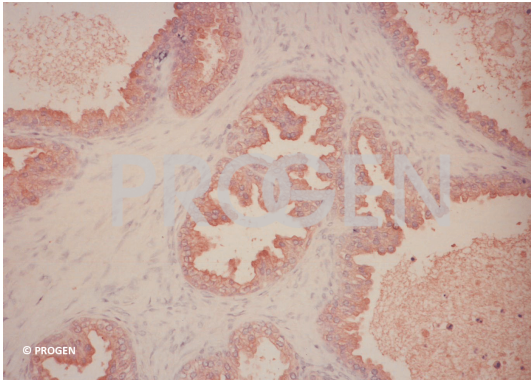
The presence of prostate specific antigen is highly specific for demonstration of the prostatic origin of a malignancy. Mab ER-PR8 has been shown to be a valuable reagent for the identification of primary and metastatic prostatic carcinoma. The antibody reacts with a 34 kDa protein in benign and malignant prostatic epithelium.

Positive control: prostatic benign hyperplasia.

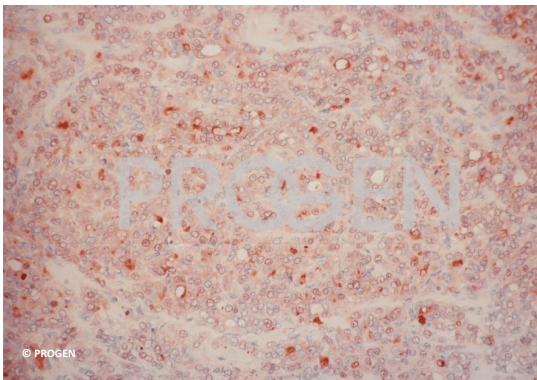
## Product images



human Prostate



human Prostate



human Prostate