

Cell Marque™ Tissue Diagnostics

Prostein (EP381) Rabbit Monoclonal Primary Antibody

Prostein is a type IIIA transmembrane protein comprising a cleavable signal peptide and 11 transmembrane domains¹. In vitro studies demonstrate that prostein transcription and expression is androgen responsive¹. Prostein expression was found to be restricted to tissues of prostatic origin such as non-neoplastic prostate, prostate lesions, and malignant prostate tissues¹⁻³. Due to its high specificity, immunohistochemical detection of prostein may have utility in distinguishing prostatic carcinoma from the carcinomas of bladder, kidney, lung and colorectum.

References:

1. Xu J et al. Identification and characterization of prostein, a novel prostate-specific protein. *Cancer Research*. 2001 61: 1563-1568
2. Kalos M et al. Prostein expression is highly restricted to normal and malignant prostate tissues. *Prostate* 2004 60: 246-256.
3. Sheridan T et al. The role of P501S and PSA in the diagnosis of metastatic adenocarcinoma of prostate. *American Journal of Surgical Pathology* 2007 31: 1351-1355.

Intended Use:

Prostein (EP381) Rabbit Monoclonal Primary Antibody is intended for laboratory use in the detection of the prostein protein in formalin-fixed, paraffin-embedded tissue stained in qualitative immunohistochemistry (IHC) testing. This product is not a stand-alone diagnostic, and cannot be used for diagnosis, treatment, prevention, or mitigation of disease.

Product Information:

Visualization: Cytoplasmic

Controls: Prostate, Prostate Carcinoma

Dilution Range: 1:25-1:100

Associated Specialty: Genitourinary (GU) Pathology

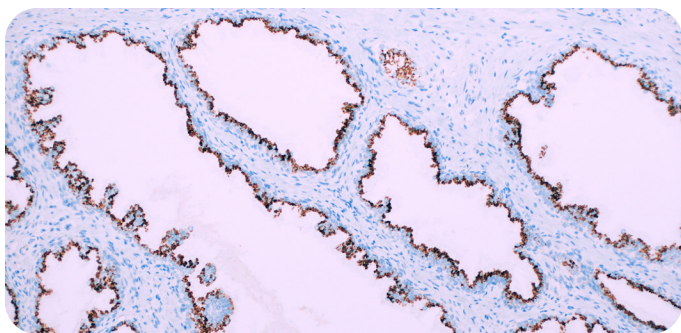


Prostein on prostate carcinoma.

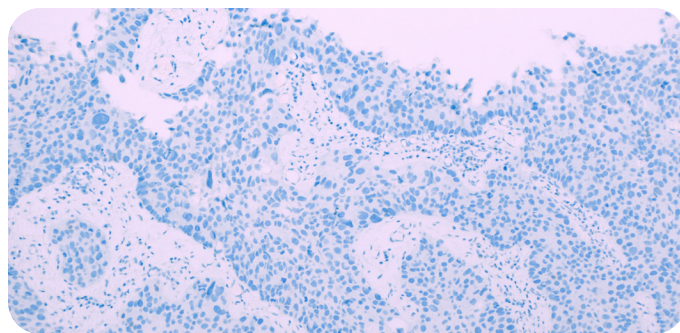
Ordering Information

Description	Cat No.
0.1 mL concentrate	450R-14
0.5 mL concentrate	450R-15
1.0 mL concentrate	450R-16
1.0 mL predilute ready-to-use	450R-17
7.0 mL predilute ready-to-use	450R-18





Prostein on prostate.



Prostein on urothelial carcinoma.



USA
Toll Free: **800.665.7284**
Phone: **916.746.8900**
Fax: **916.746.8900**
Email: service@cellmarque.com
www.cellmarque.com

CANADA
Phone: **+1 916.746.8900**
Fax: **+1 916.746.8900**
Email: international@cellmarque.com
www.cellmarque.com

MilliporeSigma
400 Summit Drive
Burlington, MA 01803

www.sigmaaldrich.com

Copyright © 2020 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved. MilliporeSigma, the vibrant M, Sigma-Aldrich and Cell Marque are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. All other trademarks are the property of their respective owners. Detailed information on trademarks is available via publicly accessible resources.

