



Cytokeratin 5,6 (D5/16 B4), IHC-Paraffin Staining Report

Target Antigen:	Cytokeratin 5,6 (D5/16 B4) Monoclonal Antibody
Catalog or ID #:	IHC2030
Host and Isotype:	Mouse IgG1
Clone:	Clone: D5/16 B4
Purity and Method:	Purified Immunoglobulin
Concentration and Quantity:	Prediluted
Storage Conditions:	2-4.0°C refrigerated
Species Reactivity:	Human. Reactivity with other species has not been determined
IHC-Paraffin Fixation Tested:	10% neutral Buffered Formalin
IHC-Paraffin Titer:	N/A
IHC-Paraffin Pretreatment(s):	Heat Induced Epitope Retrieval (HIER): Recommend Citrate Buffer, pH 6.0 or EDTA, pH 8.0 or TE Buffer, pH 9.0. No signal was detected without Epitope retrieval.
IHC-Paraffin Protocol:	IHC-Select, HRP-DAB (Brief Outline): Blocking Reagent for 5 min. Primary Antibody (or Negative Control Reagent) for 10 min. Biotinylated Secondary Antibody for 10 min. Streptavidin-HRP for 10 min. DAB for 10 min. Hematoxylin for 1 min.
Positive Tissue(s):	Reacts with human Cytokeratin 5 and 6. No cross-reactivity with Cytokeratin 1, 7, 8, 10, 13, 14, 18 or 19. Recognizes basal cells and a part of stratum spinosum in the normal pavement epithelium.
Subcellular Location(s):	Basal epithelium/Cytoplasmic staining.
Negative Tissue(s):	Non-cytokeratinizing epithelium
Comments and References:	Staining is as expected since it is immunoreactively expressed in the cytoplasm of basal layer epithelium.



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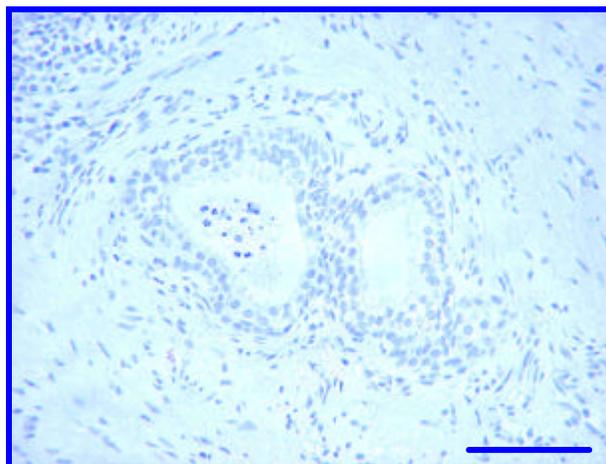
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IHC – Paraffin Staining Examples:

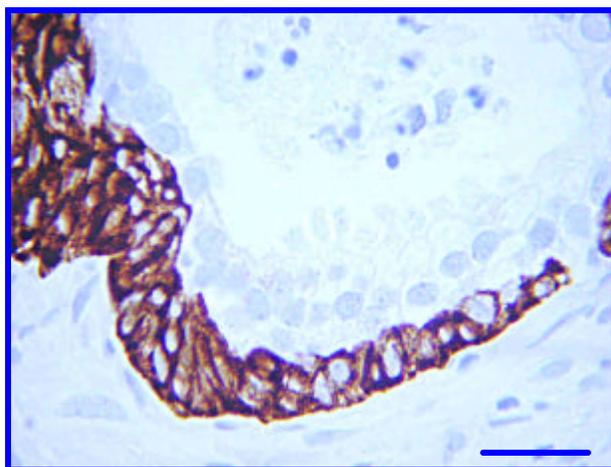
Pictures of Optimal Staining With Citrate Buffer Epitope Retrieval: Prostate Carcinoma



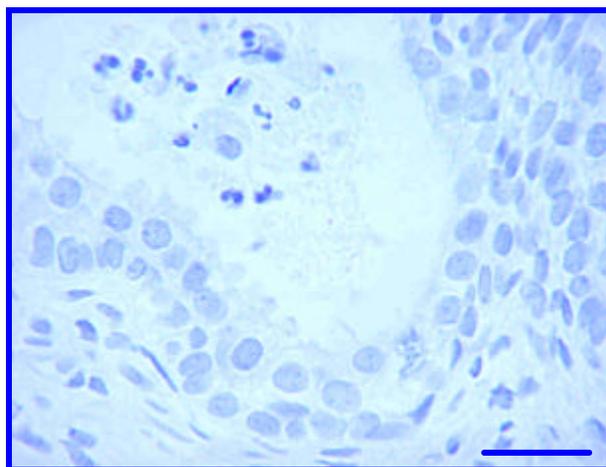
Cytokeratin 5,6 (IHC2030, Clone: D5/16B4) staining of Human Prostate Carcinoma. Tissue pretreated with Citrate, pH 6.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Basal epithelium strongly immunoreactive (brown). Bar = 100 μ m.



Negative Control staining of Human Prostate Carcinoma. Tissue pretreated with Citrate, pH 6.0, Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 100 μ m.



Cytokeratin 5,6 (IHC2030, Clone: D5/16B4) staining of Human Prostate Carcinoma. Tissue pretreated with Citrate, pH 6.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Basal epithelium strongly immunoreactive (brown). Bar = 25 μ m.



Negative Control staining of Human Prostate Carcinoma. Tissue pretreated with Citrate, pH 6.0, Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 25 μ m.

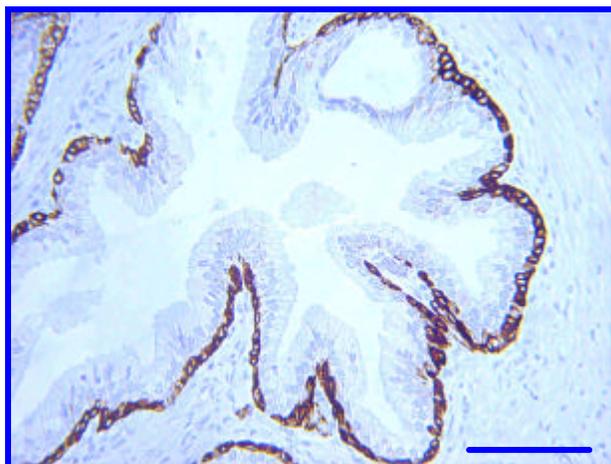


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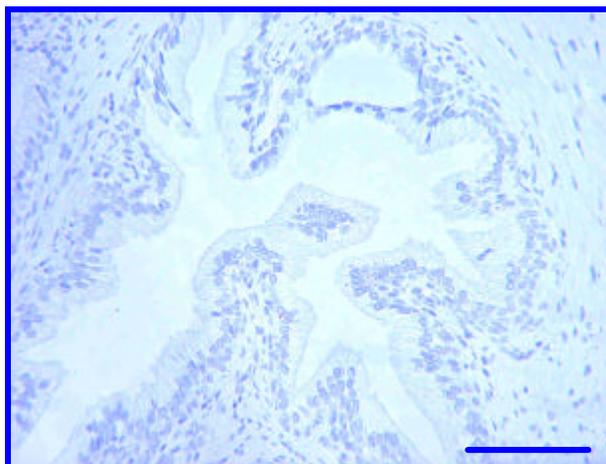
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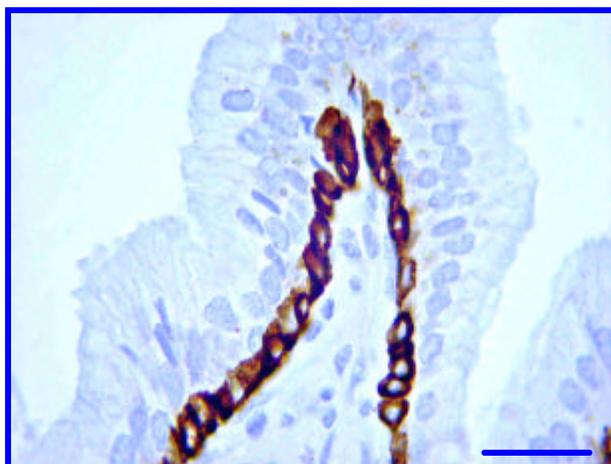
Pictures of Optimal Staining With EDTA Epitope Retrieval: Prostate Carcinoma



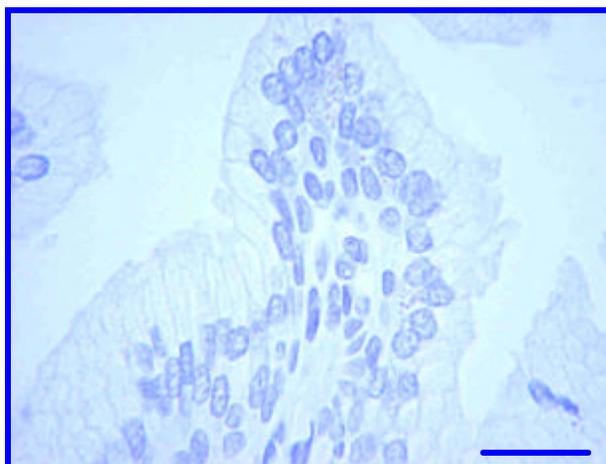
Cytokeratin 5,6 (IHC2030, Clone: D5/16B4) staining of Human Prostate Carcinoma. Tissue pretreated with EDTA, pH 8.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Basal epithelium strongly immunoreactive (brown). Bar = 100 μ m.



Negative Control staining of Human Prostate Carcinoma. Tissue pretreated with EDTA, pH 8.0, Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 100 μ m.



Cytokeratin 5,6 (IHC2030, Clone: D5/16B4) staining of Human Prostate Carcinoma. Tissue pretreated with EDTA, pH 8.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Basal epithelium strongly immunoreactive (brown). Bar = 25 μ m.



Negative Control staining of Human Prostate Carcinoma. Tissue pretreated with EDTA, pH 8.0, Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 25 μ m.

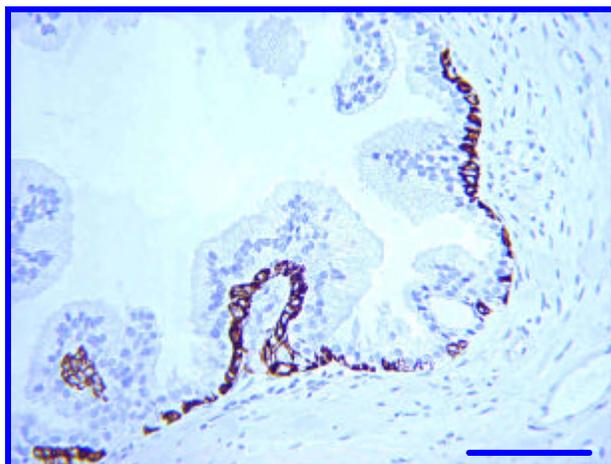


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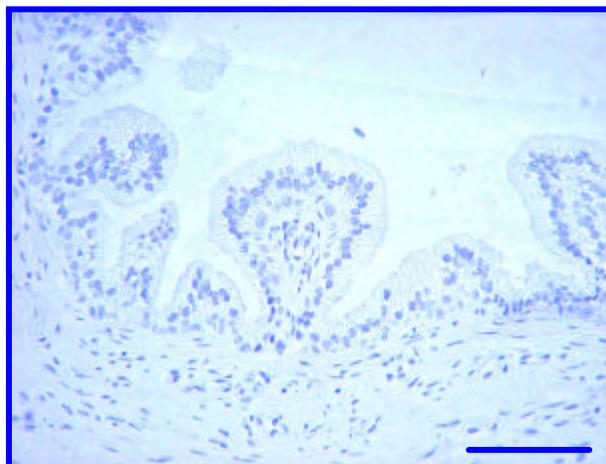
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IHC – Paraffin Staining Examples:

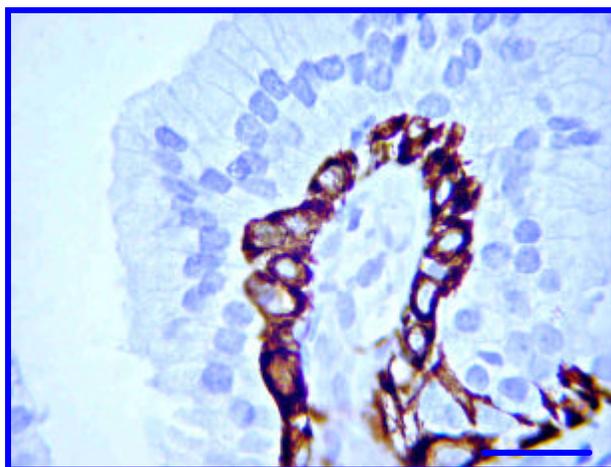
Pictures of Optimal Staining With TE Buffer Epitope Retrieval: Prostate Carcinoma



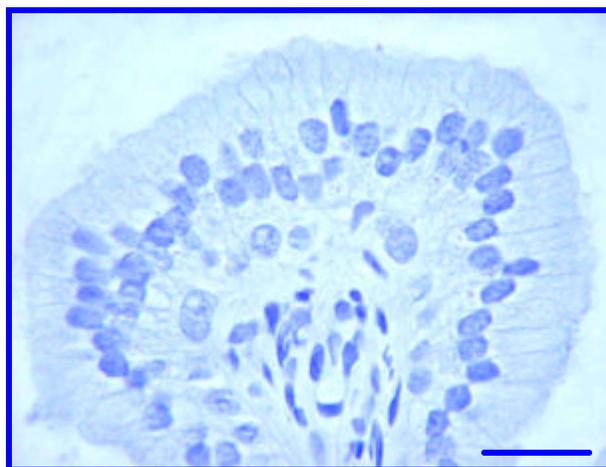
Cytokeratin 5,6 (IHC2030, Clone: D5/16B4) staining of Human Prostate Carcinoma. Tissue pretreated with TE Buffer, pH 9.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Basal epithelium strongly immunoreactive (brown). Bar = 100 μ m.



Negative Control staining of Human Prostate Carcinoma. Tissue pretreated with TE Buffer, pH 9.0, Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 100 μ m.



Cytokeratin 5,6 (IHC2030, Clone: D5/16B4) staining of Human Prostate Carcinoma. Tissue pretreated with TE Buffer, pH 9.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Basal epithelium strongly immunoreactive (brown). Bar = 25 μ m.



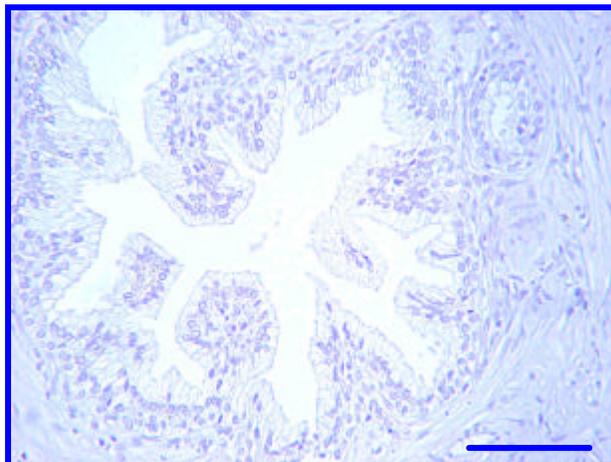
Negative Control staining of Human Prostate Carcinoma. Tissue pretreated with TE Buffer, pH 9.0, Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 25 μ m.



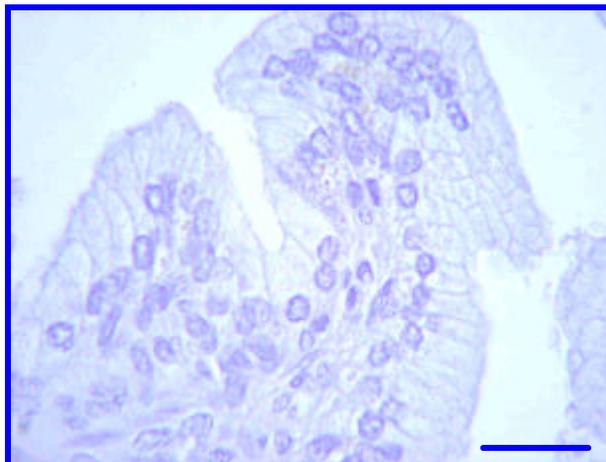
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IHC – Paraffin Staining Examples:

Pictures of Staining Without Epitope Retrieval: Prostate Carcinoma



Cytokeratin 5,6 (IHC2030, Clone: D5/16B4) staining of Human Prostate Carcinoma. Tissue without Epitope retrieval, prediluted antibody, IHC-Select Detection with HRP-DAB. No signal is detected. Bar = 100 μ m.



Negative Control staining of Human Prostate Carcinoma. Tissue without Epitope retrieval, Negative Control Reagent, IHC-Select Detection with HRP-DAB. No signal is detected. Bar = 25 μ m.