



Cytokeratin AE3 (Clone AE3) , IHC-Paraffin Staining Report

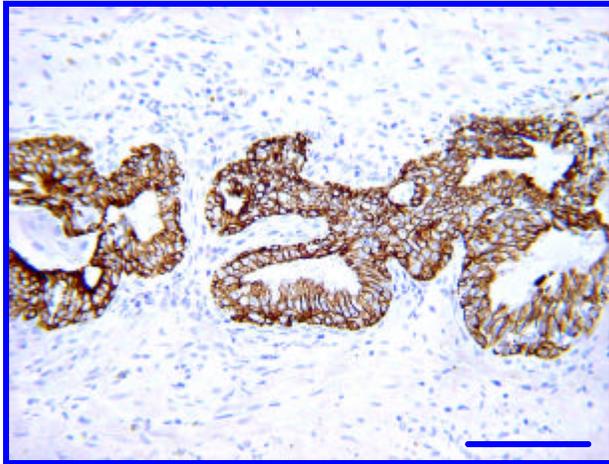
Target Antigen:	Cytokeratin (Clone AE3)
Catalog or ID #:	IHC2027
Host and Isotype:	Mouse IgG
Clone	Clone: AE3
Purity and Method:	Purified immunoglobulin
Concentration and Quantity:	Prediluted
Storage Conditions:	2-4.0°C refrigerated
Species Reactivity:	Human, Bovine, Chicken, Mouse, Rabbit, Rat. Reactivity with other species has not been confirmed.
IHC-Paraffin Fixation Tested:	10% neutral Buffered Formalin
IHC-Paraffin Titer:	N/A
IHC-Paraffin Pretreatment(s):	Heat Induced Epitope Retrieval (HIER):
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):	Recognizes most of the basic (Type II) keratins. It is broadly reactive and stains positively almost all epithelia and their neoplasms.
Subcellular Location(s):	Cytoplasm staining.
Negative Tissue(s):	Non-epithelial origin tissue
Comments and References:	Staining is as expected since the heterogeneous staining pattern is due to the fact of varying individual cell states of growth and/or differentiation.



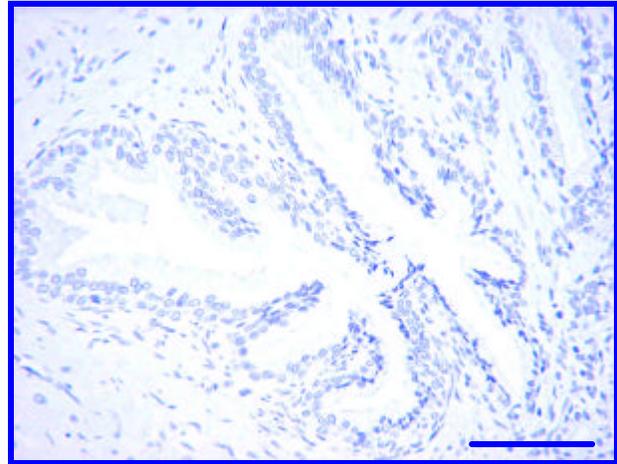
CHEMICON
INTERNATIONAL

IHC – Paraffin Staining Examples:

Pictures of Optimal Staining Citrate + Proteinase K Epitope Retrieval: Prostate Carcinoma



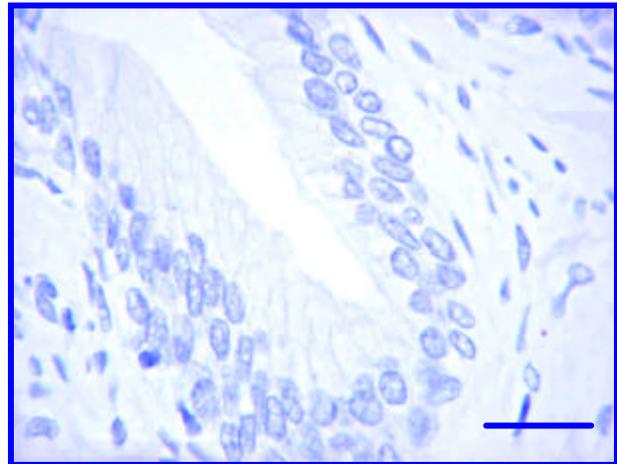
Cytokeratin AE3 (IHC2027, Clone: AE3) staining of Human Prostate Carcinoma. Tissue pretreated with Citrate Buffer, pH 6.0 + Proteinase K (1:30). Prediluted antibody, IHC-Select Detection with HRP-DAB. Cancer epithelial cells are very immunoreactive (brown). Bar = 100µm.



Negative Control staining of Human Prostate Carcinoma. Tissue with Citrate buffer+ Proteinase K (1:30), Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 100µm.



Cytokeratin AE3 (IHC2027, Clone: AE3) staining of Human Prostate Carcinoma. Tissue pretreated with Citrate Buffer, pH 6.0 + Proteinase K (1:30). Prediluted antibody, IHC-Select Detection with HRP-DAB. Cancer epithelial cells are very immunoreactive (brown). Bar = 25µm.



Negative Control staining of Human Prostate Carcinoma. Tissue with Citrate buffer+ Proteinase K (1:30), Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 25µm.



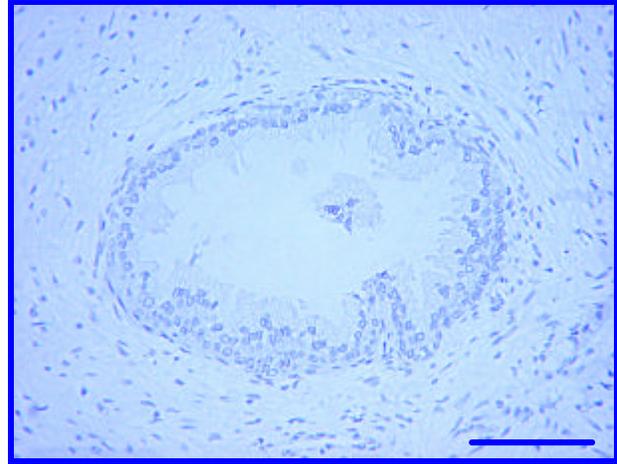
CHEMICON
INTERNATIONAL

IHC – Paraffin Staining Examples:

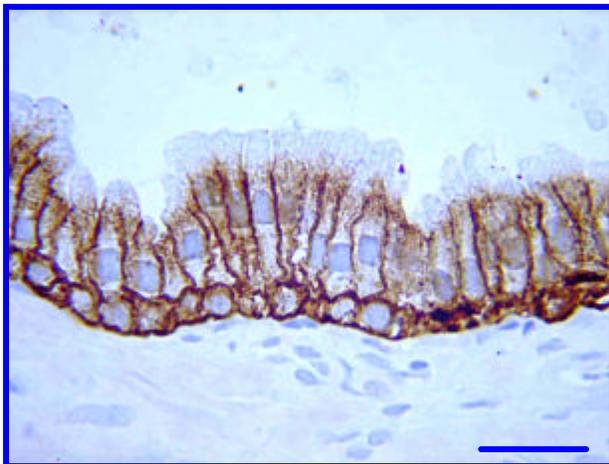
Pictures of Optimal Staining With EDTA Epitope Retrieval: Prostate Carcinoma



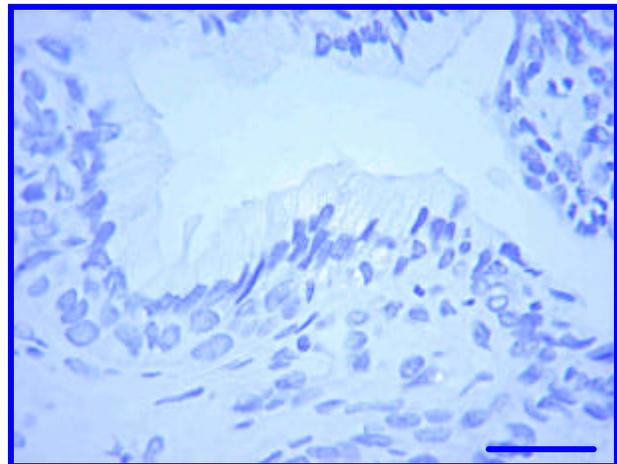
Cytokeratin AE3 (IHC2027, Clone: AE3) staining of Human Prostate Carcinoma. Tissue pretreated with EDTA, pH 8.0. Prediluted antibody, IHC-Select Detection with HRP-DAB. Basal layer and epithelial cells stain strongly (brown). Bar = 100 μ m.



Negative Control staining of Human Breast 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 AE3 (IHC2027, Clone: AE3) staining of Human Prostate Carcinoma. Tissue pretreated with EDTA, pH 8.0. Prediluted antibody, IHC-Select Detection with HRP-DAB. Basal layer and epithelial cells stain strongly (brown). Bar = 25 μ m.



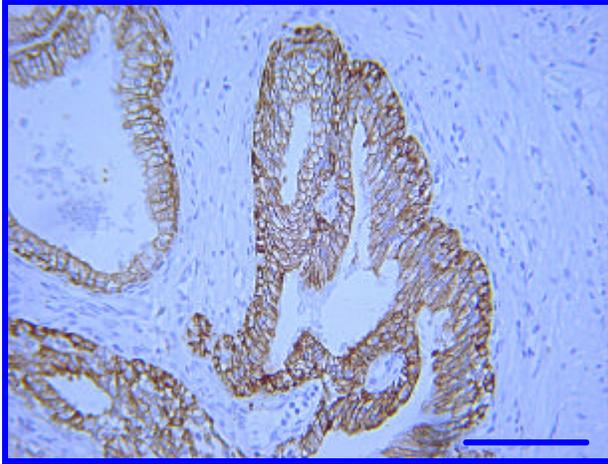
Negative Control staining of Human Breast Carcinoma. Tissue pretreated with EDTA, pH 8.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 25 μ m.



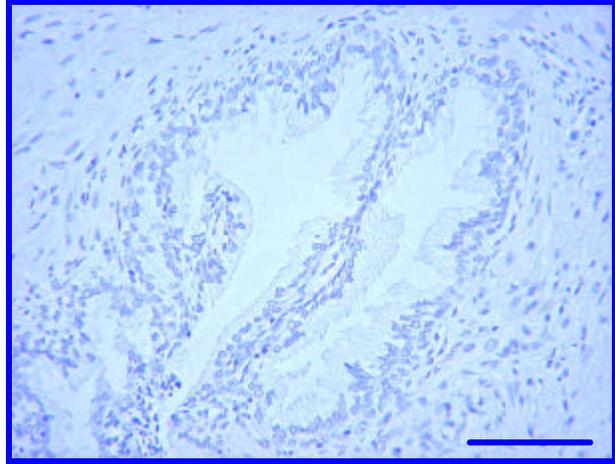
CHEMICON
INTERNATIONAL

IHC – Paraffin Staining Examples:

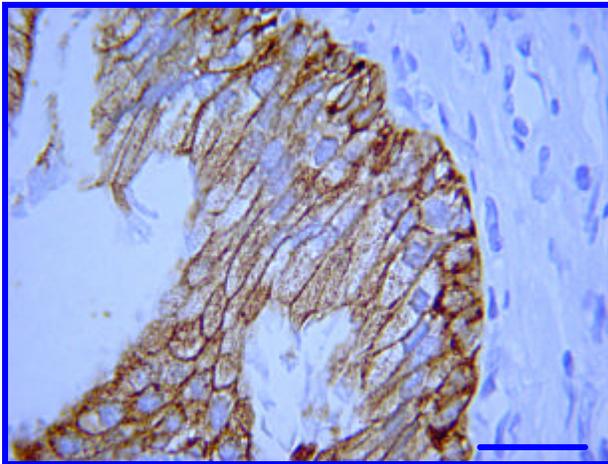
Pictures of Optimal Staining With TE Buffer Epitope Retrieval: Prostate Carcinoma



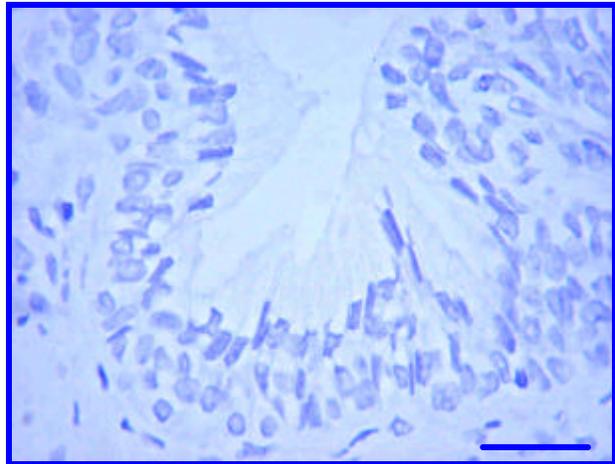
Cytokeratin AE3 (IHC2027, Clone: AE3) staining of Human Prostate Carcinoma. Tissue pretreated with TE Buffer, pH 9.0. Prediluted antibody, IHC-Select Detection with HRP-DAB. Cancer epithelial cells are very immunoreactive (brown). Bar = 100 μ m.



Negative Control staining of Human Breast 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 AE3 (IHC2027, Clone: AE3) staining of Human Prostate Carcinoma. Tissue pretreated with TE Buffer, pH 9.0. Prediluted antibody, IHC-Select Detection with HRP-DAB. Cancer epithelial cells are very immunoreactive (brown). Bar = 25 μ m.



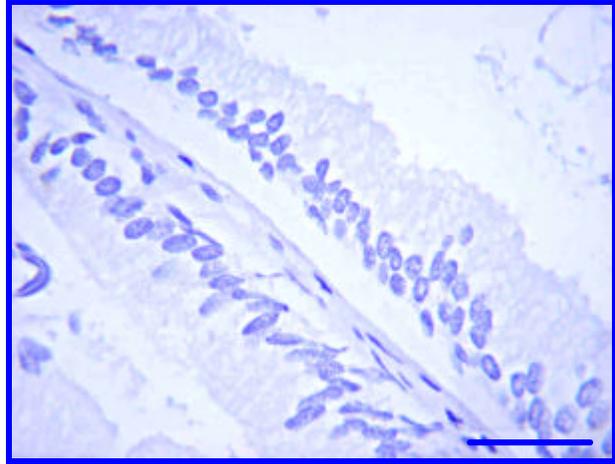
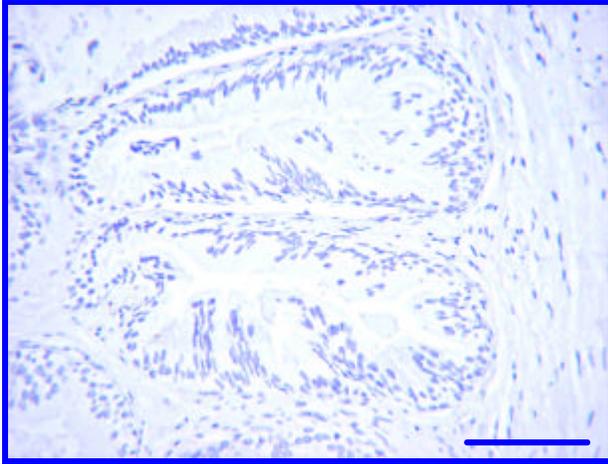
Negative Control staining of Human Breast Carcinoma. Tissue pretreated with TE Buffer, pH 9.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 25 μ m.



CHEMICON
INTERNATIONAL

IHC – Paraffin Staining Examples:

Pictures of Staining Without Epitope Retrieval: Prostate Carcinoma



Cytokeratin AE3 (IHC2027, Clone: AE3) staining of Human Prostate Carcinoma. Tissue without Epitope retrieval. Prediluted antibody, IHC-Select Detection with HRP-DAB. No signal detected. Bar = 100 μ m.

Cytokeratin AE3 (IHC2027, Clone: AE3) staining of Human Prostate Carcinoma. Tissue without Epitope retrieval. Prediluted antibody, IHC-Select Detection with HRP-DAB. No signal detected. Bar = 25 μ m.