



Desmin (DE-B-5), IHC-Paraffin Staining Report

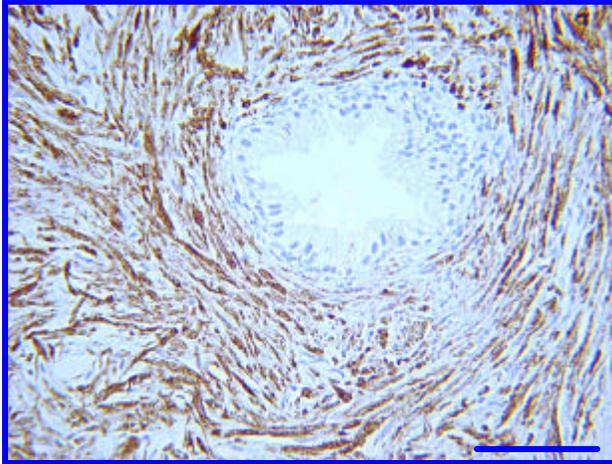
Target Antigen:	Desmin (DE-B-5) Prediluted Antibody
Catalog or ID #:	IHC2011
Host and Isotype:	Mouse IgG1
Clone and Lot #:	Clone: DE-B-5
Purity and Method:	Purified Immunoglobulin
Concentration and Quantity:	Prediluted
Storage Conditions:	2-4.0°C refrigerated
Species Reactivity:	Human, Porcine (Pig), Rat and Frog. 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 is 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):	In normal tissue, reacts with striated (skeletal and cardiac) and smooth muscle cells. In neoplastic tissues, reacts with tumors of myogenic origin, i.e. leiomyosarcomas (smooth muscle) and rhabdomyosarcomas (striated muscle).
Subcellular Location(s):	Cytoplasmic staining
Negative Tissue(s):	Normal and non-muscular tissue
Comments and References:	Staining is as expected since it is immunoreactive in the cytoplasm of striated and smooth muscle tissue.



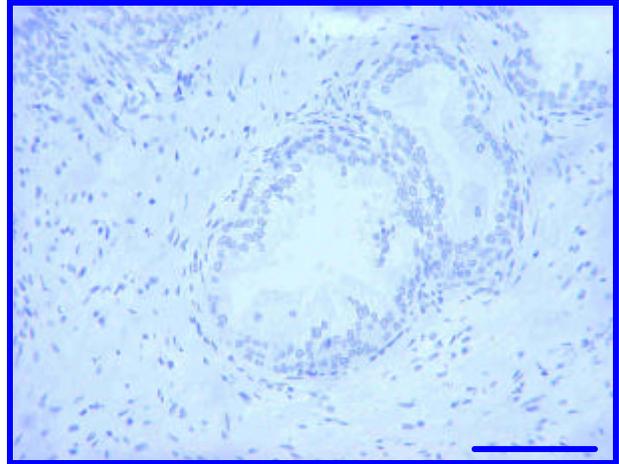
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IHC – Paraffin Staining Examples:

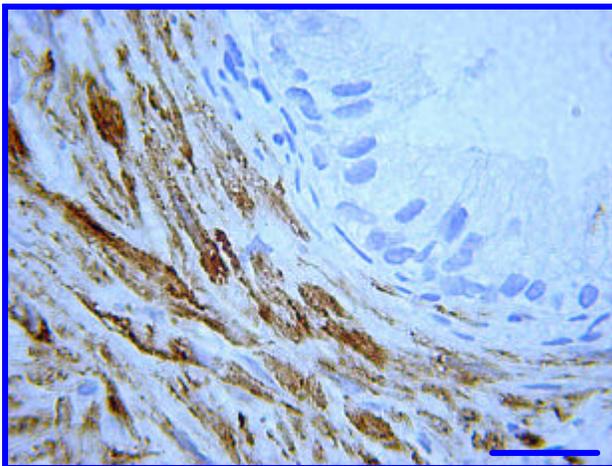
Pictures of Optimal Staining With Citrate Buffer Epitope Retrieval: Human Breast Carcinoma



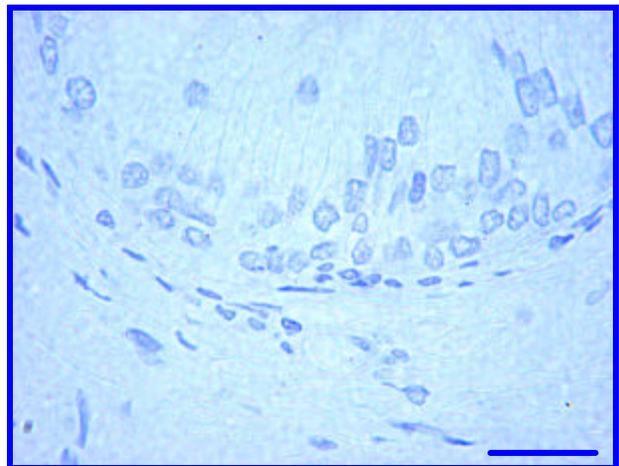
Desmin (IHC2011, Clone: DE-B-5) staining of Human Breast Carcinoma. Tissue pretreated with Citrate Buffer, pH 6.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Interlobular Connective Tissue strongly immunoreactive (brown). Bar = 100 μ m.



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



Desmin (IHC2011, Clone: DE-B-5) staining of Human Breast Carcinoma. Tissue pretreated with Citrate Buffer, pH 6.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Interlobular Connective Tissue strongly immunoreactive (brown). Bar = 25 μ m.



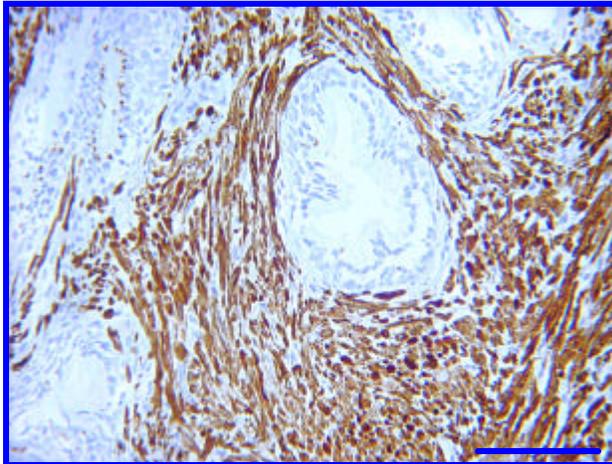
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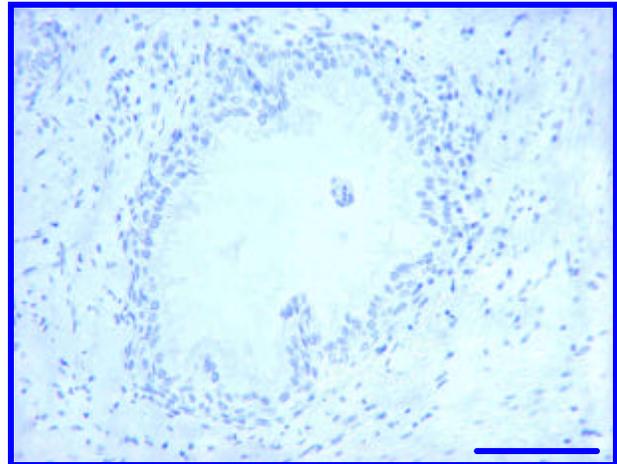
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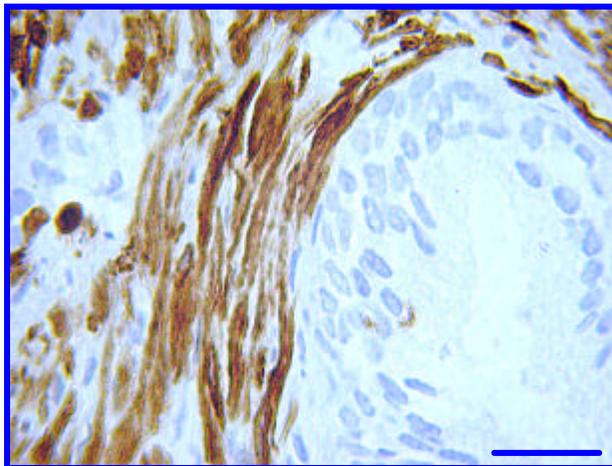
Pictures of Optimal Staining With EDTA Epitope retrieval: Human Breast Carcinoma



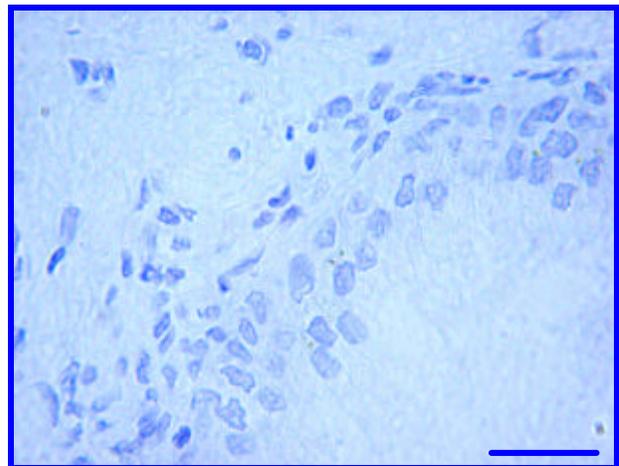
Desmin (IHC2011, Clone: DE-B-5) staining of Human Breast Carcinoma. Tissue pretreated with EDTA, pH 8.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Interlobular Connective Tissue strongly immunoreactive (brown). Bar = 100 μ m.



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.



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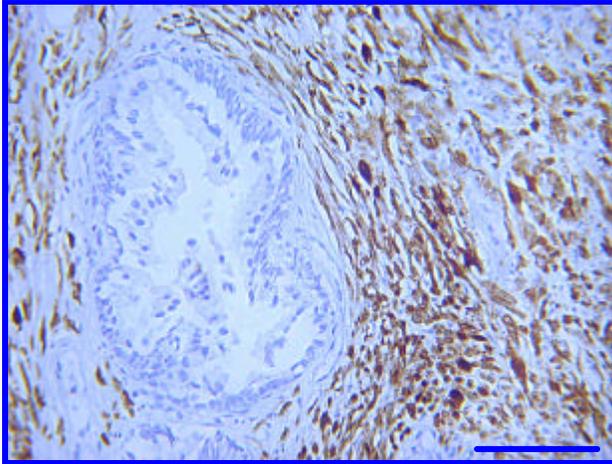
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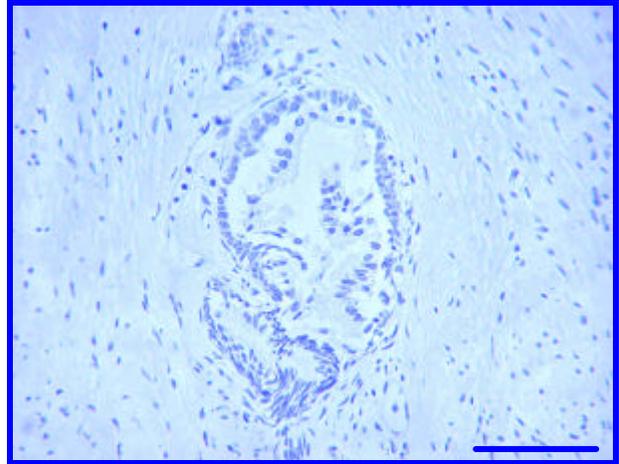
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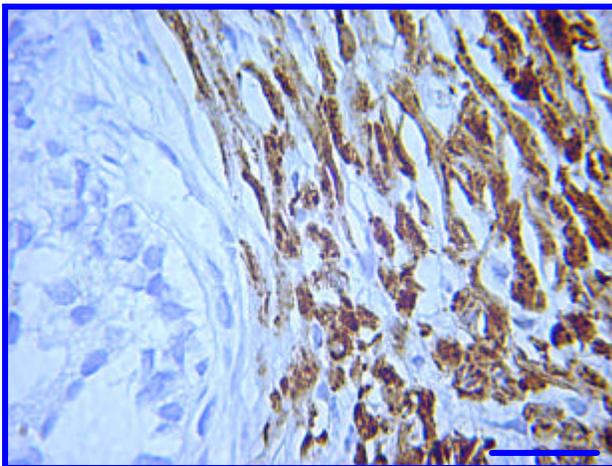
Pictures Optimal Staining With TE Buffer Epitope Retrieval: Human Breast Carcinoma



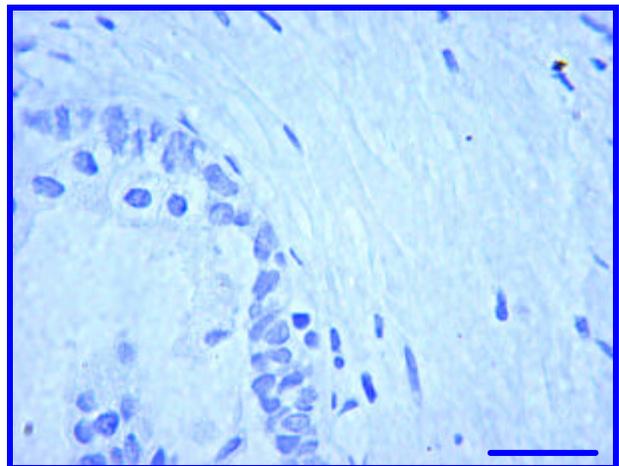
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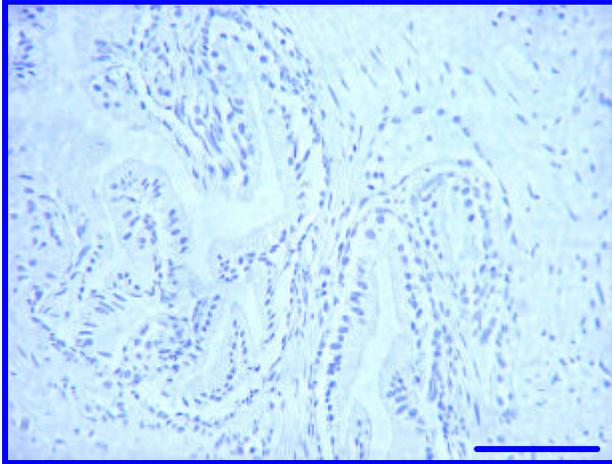
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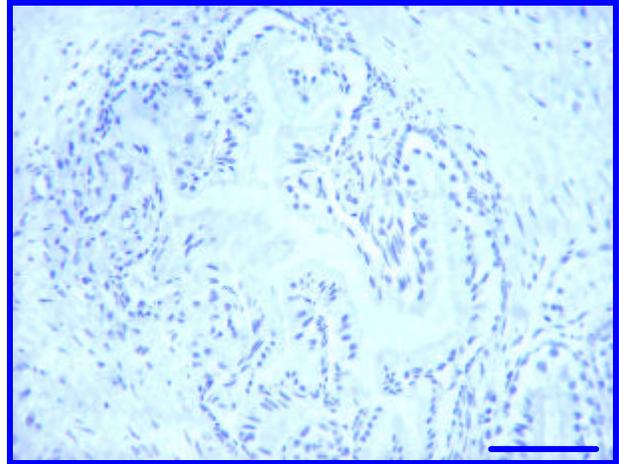
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IHC – Paraffin Staining Examples:

Pictures of Staining Without Epitope Retrieval: Human Breast Carcinoma



Desmin (IHC2011, Clone: DE-B-5) staining of Human Breast Carcinoma. Tissue without Epitope retrieval, prediluted antibody, IHC-Select Detection with HRP-DAB. No signal detected. Bar = 100 μ m.



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