



HER-2/neu Oncoprotein, IHC-Paraffin Staining Report

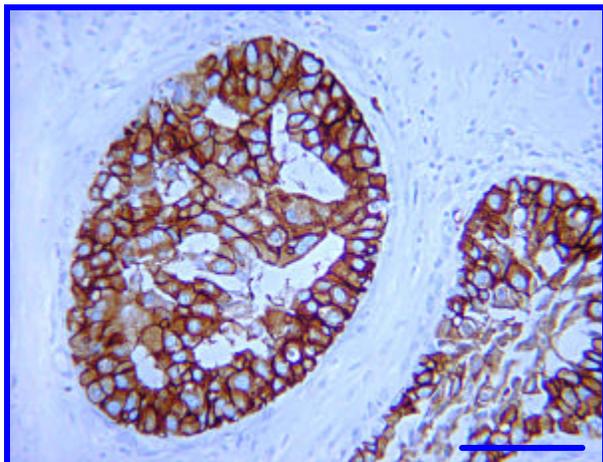
Target Antigen:	HER-2/neu (C-erbB-2, Clone: CB11) Prediluted Antibody
Catalog or ID #:	IHC2050
Host and Isotype:	Mouse IgG1
Clone:	Clone: CB11
Purity and Method:	Ammonium Sulphate and Protein –A Affinity Chromatography
Concentration and Quantity:	Prediluted
Storage Conditions:	2-4.0°C refrigerated
Species Reactivity:	Human. Reactivity to other species has not been confirm
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. Also can work with TE Buffer, pH 9.0 or with no 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):	Overexpression/gene amplification of Her-2/neu gene has been observed in a variety of cancer types, including breast, ovarian, endometrial, gastric, pancreatic, prostate and salivary gland.
Subcellular Location(s):	The Her-2/neu protein is localized in the plasma membrane
Negative Tissue(s):	In most normal tissues Her-2/neu is expressed at very low levels.
Comments and References:	Staining is as expected since it is expressed on the plasma membrane of breast cancer cells.



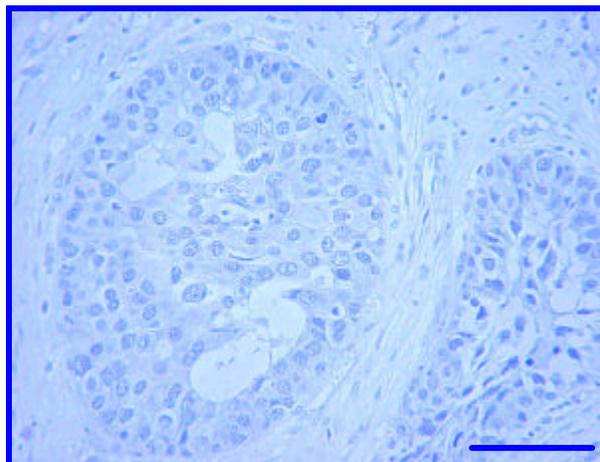
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IHC – Paraffin Staining Examples:

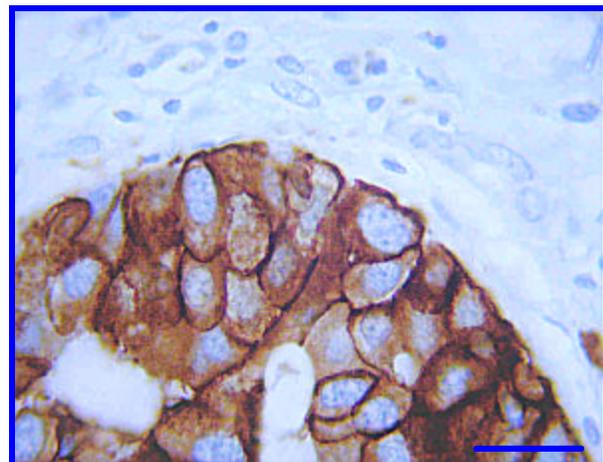
Pictures of Staining Without Epitope Retrieval: Human Breast Carcinoma



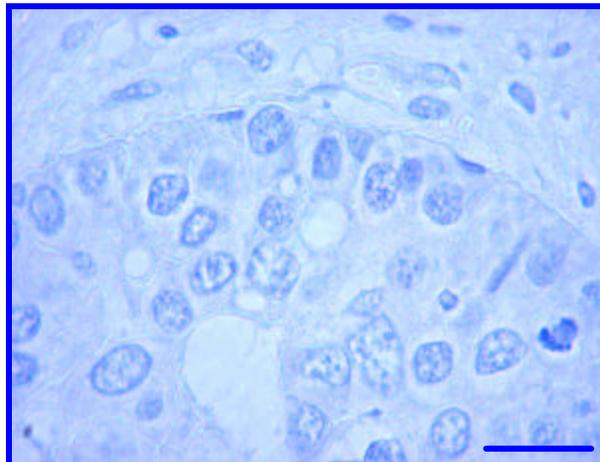
HER-2/neu (IHC2050, Clone: CB11) staining of Human Breast Carcinoma. Tissue without Epitope retrieval, prediluted antibody, IHC-Select Detection with HRP-DAB. Cancer cells stain strongly (brown). Bar = 100 μ m.



Negative Control staining of Human Breast Carcinoma. Tissue without Epitope retrieval, Negative Control Reagent, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 100 μ m.



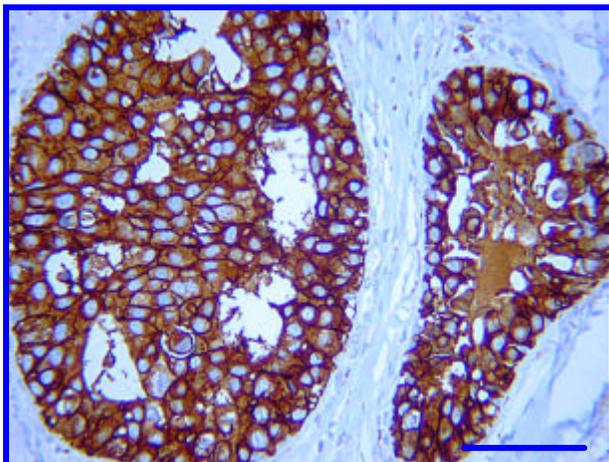
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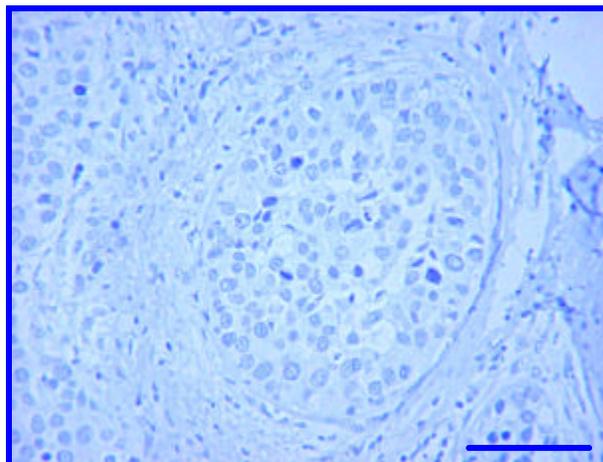
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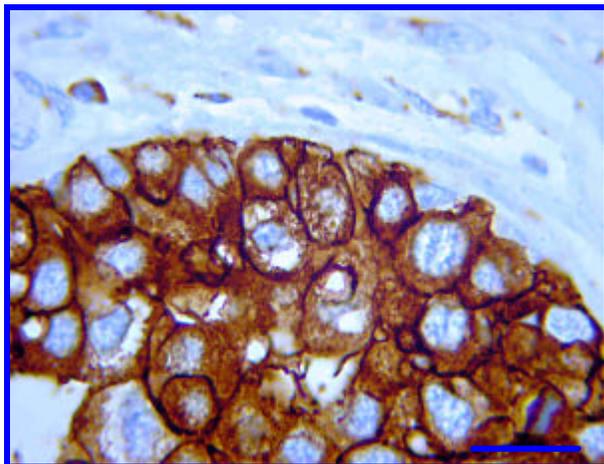
Pictures of Optimal Staining With Citrate Buffer Epitope Retrieval: Human Breast Carcinoma



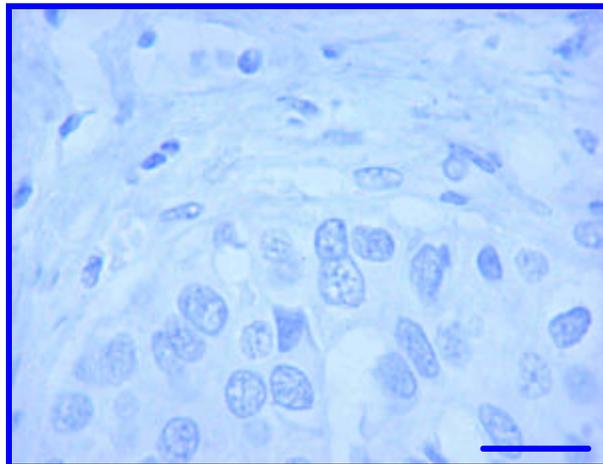
HER-2/neu (IHC2050, Clone: CB11) staining of Human Breast Carcinoma. Tissue pretreated with Citrate Buffer, pH 6.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Cancer cells are highly immunoreactive (brown). Bar = 100 μ m.



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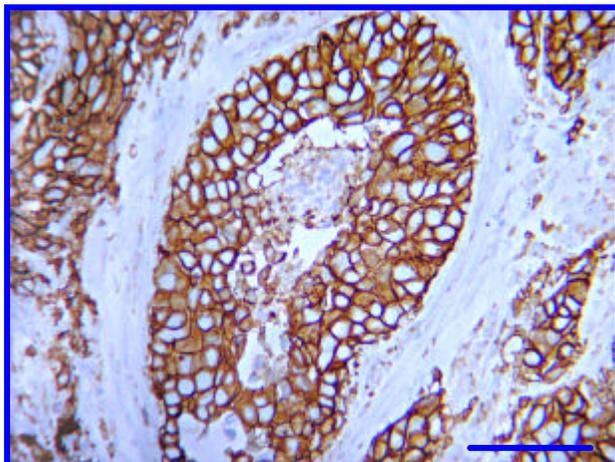


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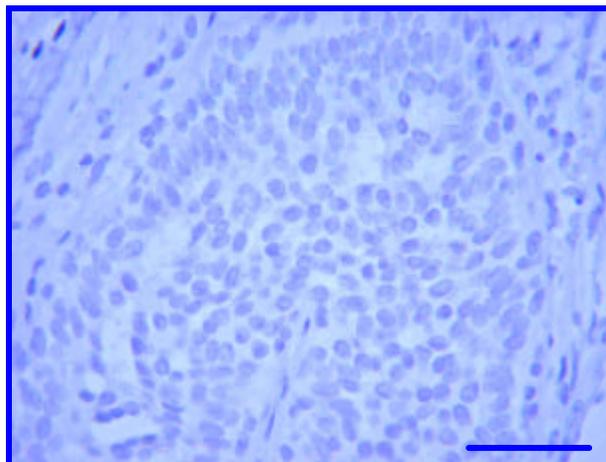
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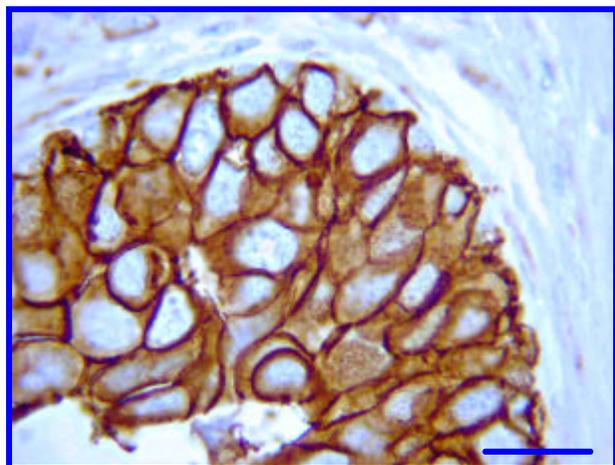
Pictures of Optimal Staining With EDTA Epitope Retrieval: Human Breast Carcinoma



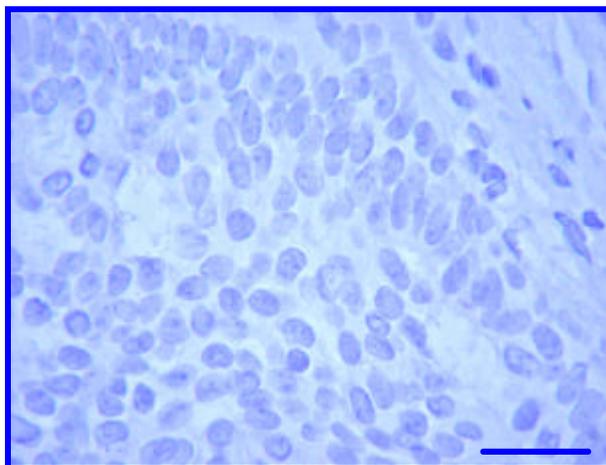
HER-2/neu (IHC2050, Clone: CB11) staining of Human Breast Carcinoma. Tissue pretreated with EDTA, pH 8.0, prediluted antibody, IHC-Select Detection with HRP-DAB. Cancer cells are highly immunoreactive (brown). Bar = 100 μ m.



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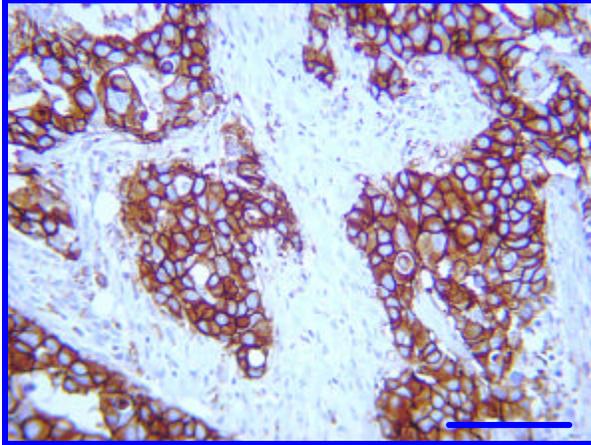
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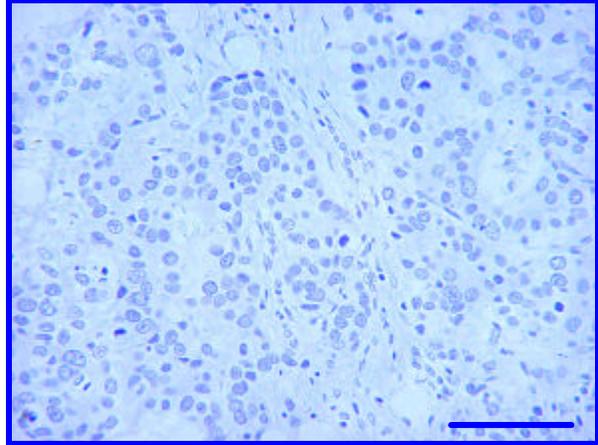
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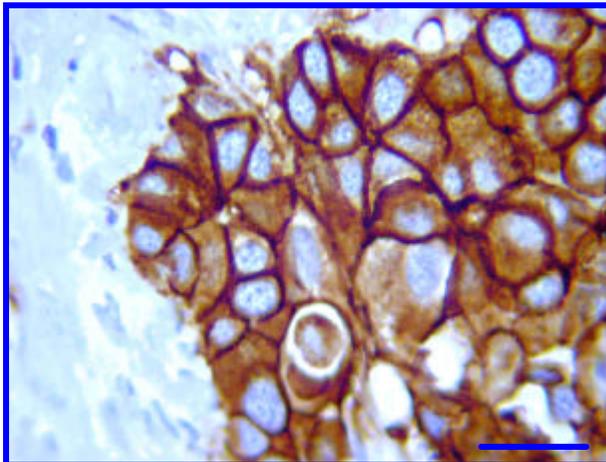
Pictures of Staining With TE Buffer Epitope Retrieval: Human Breast Carcinoma



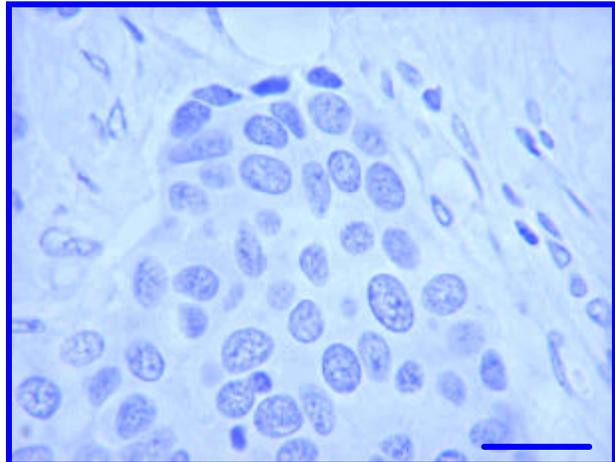
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