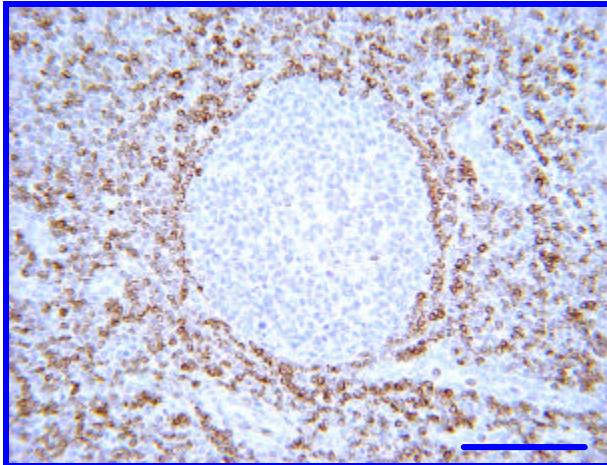


BCL-2 (Clone: 124), IHC-Paraffin Staining Report

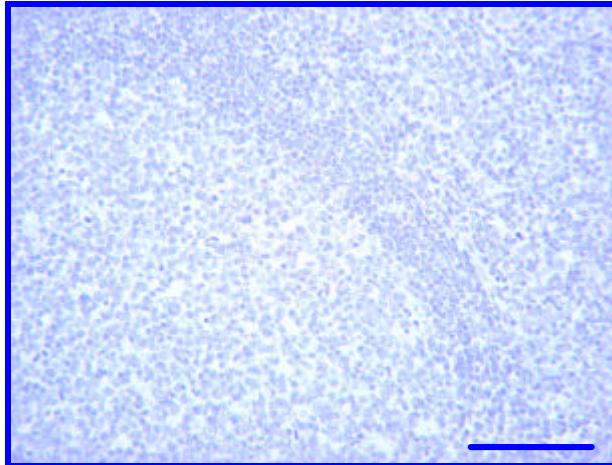
Target Antigen:	BCL-2 (Clone: 124)
Catalog or ID #:	IHC2033
Host and Isotype:	Mouse IgG1
Clone:	Clone: 124
Purity and Method:	FPLC Purified by Protein-A Affinity Chromatography
Concentration and Quantity:	Prediluted
Storage Conditions:	2-4.0°C refrigerated
Species Reactivity:	Human. Reactivity with other 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) with EDTA pH 8.0. On human tonsil it did not work without Epitope retrieval, Citrate Buffer nor did it work with TE Buffer.
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):	Tonsil, Lymph node or Lymphoma
Subcellular/ Location(s):	Diffusive lymphoproliferative diseases. i.e. follicular lymphoma of the gastro intestinal tract, hairy cell leukemia, high grade B- and T-cell lymphomas. Lymphoblastic lymphoma, anaplastic large cell lymphoma "Ki-lymphoma." Cytoplasmic staining.
Negative Tissue(s):	Non-lymphatic/normal tissue.
Comments and References:	Staining is as expected since it was cytoplasm-expressed on lymphocytes in the mantle zone (low density) and not in the germinal center. Studies have demonstrated that bcl-2 protein is used to distinguish neoplastic germinal centers from reactive ones

IHC – Paraffin Staining Examples:

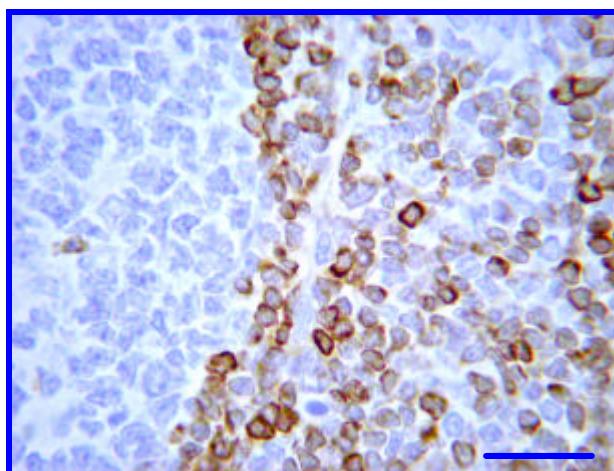
Pictures of Optimal Staining With EDTA Epitope Retrieval: Human Tonsil



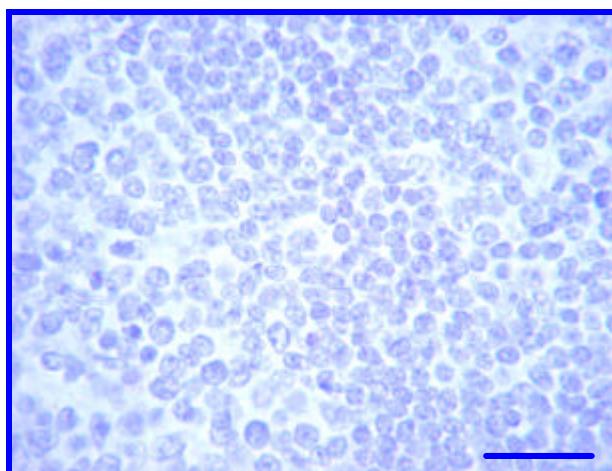
BCL-2 (IHC2033, clone: 124) staining of Human Tonsil. Tissue pretreated with EDTA, pH 8.0, Prediluted Antibody, IHC-Select Detection with HRP-DAB. Lymphocytes in the mantle zone stain strongly (brown), cells in germinal center are negative. Bar = 100 μ m.



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



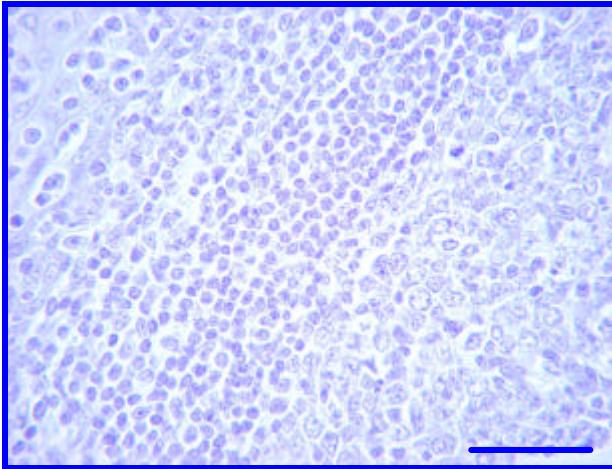
BCL-2 (IHC2033, clone: 124) staining of Human Tonsil. Tissue pretreated with EDTA, pH 8.0, Prediluted Antibody, IHC-Select Detection with HRP-DAB. Lymphocytes in the mantle zone stain strongly (brown), cells in germinal center are negative. Bar = 25 μ m.



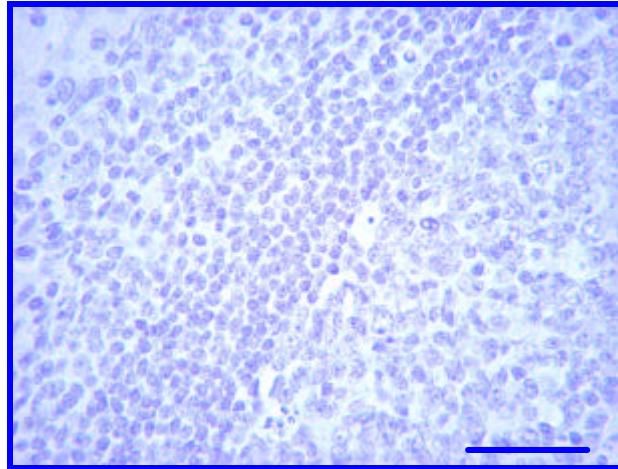
Negative Control staining of Human Tonsil. Tissue pretreated with EDTA, pH 8.0, Prediluted Antibody, IHC-Select Detection with HRP-DAB. No background staining is detected. Bar = 25 μ m.

IHC – Paraffin Staining Examples:

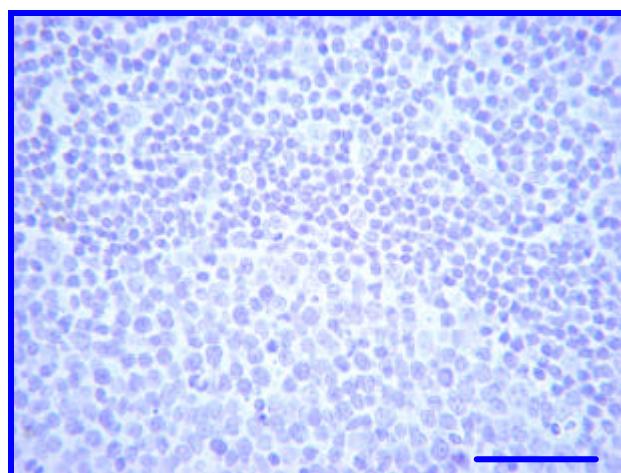
Pictures of Staining Without Epitope Retrieval, Citrate buffer and TE Buffer: Human Tonsil



BCL-2 (IHC2033, Clone: 124) staining of Human Tonsil. Tissue without pretreatment, Prediluted Antibody, IHC-Select Detection with HRP-DAB. No signal (brown) detected. Bar = 50 μ m.



BCL-2 (IHC2033, Clone: 124) staining of Human Tonsil. Tissue pretreated with Citrate, pH 6.0, Prediluted Antibody, IHC-Select Detection with HRP-DAB. No signal (brown) detected. Bar = 50 μ m.



BCL-2 (IHC2033, Clone: 124) staining of Human Tonsil. Tissue pretreated with TE, pH 9.0, Prediluted Antibody, IHC-Select Detection with HRP-DAB. No signal (brown) detected. Bar = 50 μ m.