

## CD45 RO

Catalog # 10109.05 or .10 (0.5ml or 1.0ml concentrated)

Catalog# 10109.50 (5 ml RTU)

### INTENDED USE

- **In Vitro:** This product is intended for qualitative immunohistochemistry with normal and neoplastic, formalin-fixed, paraffin embedded tissue sections, to be viewed by light microscopy.
- **Description:** Anti-CD45RO (T cell, Pan) antibody reacts with thymocytes and activated T cells, but only on a subpopulation of resting T cells. This antibody shows no reactivity with B cells making it a good marker for T cell tumors. Granulocytes and monocytes are also labelled with this antibody.
- **Expected Staining Pattern:** Membranous, nuclear
- **Positive Control:** Lymph node

### MATERIALS PROVIDED

- **CD45 RO specific mouse monoclonal antibody:** #10109.10, (or .05) is tissue culture supernatant, concentrated, with 0.09% sodium azide.
- **Host:** Mouse
- **Epitope:** Not determined
- **Species Reactivity:** Human
- **Clone:** UCHL-1
- **Ig Isotype / Light Chain:** IgG2a/K
- **Immunogen:** Human polypeptide.
- **Sterility:** This product is not sterile.

### MATERIALS REQUIRED, BUT NOT PROVIDED

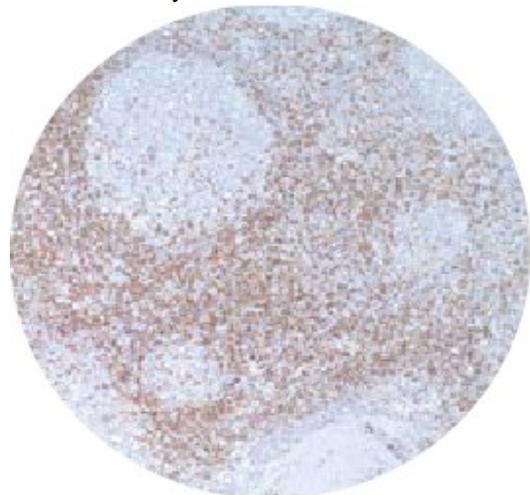
- Detection system
- Chromogen/substrate system

### METHODS AND PROCEDURES

- **Tissue Section Pretreatment:** Staining of formalin-fixed tissue sections requires treating in boiling 10mM citrate buffer, pH 6.0 for 10-20 minutes.
- **Recommended Pretreatment Kit:** HISTOLS®-Pre-Treatment IHC Kit (cat# 30016), containing the reagents below: HISTOLS®-Citrate Buffer (cat#30010) HISTOLS®-Peroxidase Blocking Solution (cat# 30013) HISTOLS®-BBPS (Background Blocking Protein Solution)(cat# 30012)
- **Dilution of Concentrated Antibody:** 1:100 in antibody diluent.
- **Primary Antibody Incubation Time:** 60 minutes at RT.
- **Recommended Detection System:** HISTOLS®-MR (anti-mouse&rabbit Ig) (cat# 30011).
- **Visualization:** To detect antibody binding sites, follow the instructions provided with the chromogen/substrate system.

### STORAGE AND STABILITY

This product contains sodium azide and is stable when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.



Lymph node, CD45RO

For research use only!