

Mouse Anti-CD45RO (T Cell) [UHL-1]: MC0078, MC0078RTU7

Intended Use: For Research Use Only

Description: This antibody mainly recognizes the 180 kD (O isoform-CD45RO) variant of CD45, Leucocyte Common Antigen (LCA). It labels most T lymphocytes, macrophages and Langerhan's cells of normal tissue. It is a useful tool for identifying T-cell lymphomas, and for the differentiation of low grade B-cell from T-cell lymphomas.

Specifications:

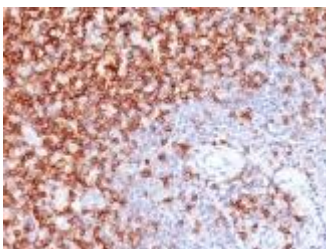
Clone: UHL-1
Source: Mouse
Isotype: IgG2a
Reactivity: Human
Localization: Membrane
Formulation: Antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN₃)
Storage: Store at 2°- 8°C
Applications: IHC, Flow Cyt., IF, IP, WB
Package:

Description	Catalog No.	Size
CD45RO (T Cell) Concentrated	MC0078	1 ml
CD45RO (T Cell) Concentrated	MC0078RTU7	7 ml

IHC Procedure*:

Positive Control Tissue: Tonsil, lymphoma
Concentrated Dilution: 100-300
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human tonsil stained with anti-CD45RO using DAB

References:

1. Immune monitoring of the circulation and the tumor microenvironment in patients with regionally advanced melanoma receiving neoadjuvant ipilimumab. Tarhini AA, et al. PLoS One 9:e87705, 2014.
2. Next-generation tissue microarray (ngTMA) increases the quality of biomarker studies: an example using CD3, CD8, and CD45RO in the tumor microenvironment of six different solid tumor types. Zlobec I, et al. J Transl Med 11:104, 2013.
3. Functional subsets of human helper-inducer cells defined by a new monoclonal antibody, UHL1. Smith SH, et al. Immunology 58:63-70, 1986.
4. Monoclonal antibody (UHL1) that recognises normal and neoplastic T cells in routinely fixed tissues. Norton AJ, et al. J Clin Pathol 39:399-405, 1986.

Doc. 100-MC0078
Rev. A