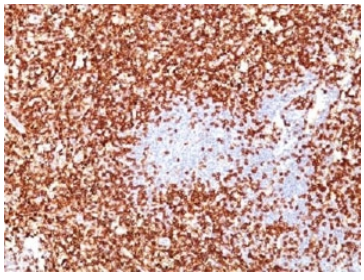
CD45RO Antibody UCHL-1 + T200/797 / Monoclonal Cocktail [clone UCHL-1 + T200/797] (V2421)

Catalog No.	Formulation	Size
V2421-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2421-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2421SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2421IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	UCHL-1 + T200/797
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	P08575
Localization	Cell surface
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT
Limitations	This CD45RO Antibody UCHL-1 + T200/797 is available for research use only.



IHC testing of CD45RO antibody cocktail and FFPE human tonsil

Description

Recognizes a 180-185kDa protein, identified as isoform of leukocyte common antigen (CD45RO). This antibody cocktail reacts with mature activated T-cells, most thymocytes, and a sub-population of resting T-cells within both CD4 and CD8 subsets. It shows no reactivity with normal B or natural killer cells, but reacts with granulocytes and monocytes. Reportedly, it is useful to identify T-cell lymphomas and leukemias. It rarely stains NK cells or B-cell lymphomas.

CD45RO is a PTPRC isoform widely associated with memory T cells and lymphocyte differentiation; learn more about this target and related reagents on our CD45RO Antibody page.

Application Notes

Due to variation in protocol and secondary antibody used, the CD45RO Antibody UCHL-1 + T200/797 may need to be titered for optimal performance.

1. FFPE staining requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Cultured human T-cells from an IL-2-dependent T-cell line (CA1) (clone UCHL-1) and human T lymphocytes (clone T200/797) were used as the immunogens for this CD45RO antibody cocktail.

Storage

The CD45RO antibody cocktail (with azide) can be stored at 2-8oC. The azide-free format should be aliquoted and stored at -20oC or colder.

References (1)

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