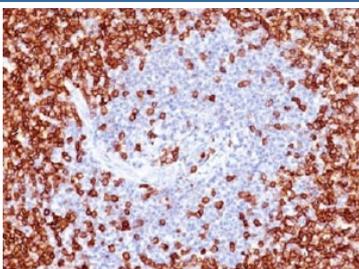


## CD45RO Antibody [clone T200/797] (V2419)

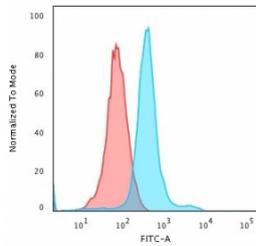
Catalog No.	Formulation	Size
V2419-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2419-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2419SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2419IHC-7ML	Prediluted 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

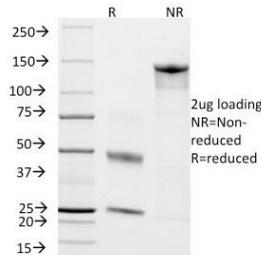
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2a, kappa
<b>Clone Name</b>	T200/797
<b>Purity</b>	Protein G affinity chromatography
<b>Buffer</b>	1X PBS, pH 7.4
<b>UniProt</b>	P08575
<b>Localization</b>	Cell surface
<b>Applications</b>	Flow Cytometry : 0.5-1ug/10 <sup>6</sup> cells Immunohistochemistry (FFPE) : 0.25-0.5ug/ml for 30 min at RT
<b>Limitations</b>	This CD45RO antibody is available for research use only.



IHC testing of CD45RO antibody and FFPE human tonsil. HIER: boil tissue sections in 10mM citrate buffer, pH 6 for 10-20 min followed by cooling at RT for 20 min.



Flow cytometry testing of PFA-fixed human Jurkat cells with CD45RO antibody (clone T200/797); Red=isotype control, Blue= CD45RO antibody.



SDS-PAGE analysis of purified, BSA-free CD45RO antibody (clone T200/797) as confirmation of integrity and purity.

## Description

Recognizes a 180-185kDa protein, identified as isoform of leukocyte common antigen (CD45RO). This antibody 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.

## Application Notes

Due to variation in protocol and secondary antibody used, the CD45RO antibody may need to be titrated for optimal performance.

1. FFPE staining requires
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

Human T lymphocytes were used as immunogen for this CD45RO antibody.

## Storage

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

## References (1)

