

36-1611: Monoclonal Antibody to CD45RO (T-Cell Marker)(UCLH-1 + T200/797)

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| Clonality : | Monoclonal |
| Clone Name : | UCLH-1 + T200/797 |
| Application : | WB,IHC |
| Reactivity : | Human |
| Gene : | PTPRC |
| Gene ID : | 5788 |
| Uniprot ID : | P08575 |
| Format : | Purified |
| Alternative Name : | PTPRC,CD45 |
| Isotype : | Mouse IgG2a, kappa + Mouse IgG2a, kappa |
| Immunogen Information : | Cultured human T-cells from an IL-2-dependent T-cell line (CA1) (UCLH-1); Recombinant human CD45RO protein (T200/797) |

Description

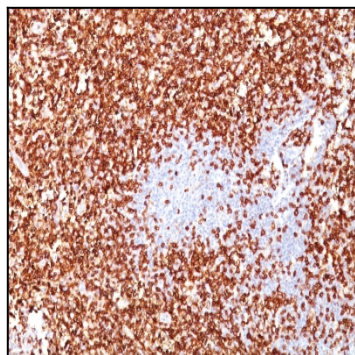
Recognizes a 180-185kDa protein, identified as isoform of leukocyte common antigen (CD45RO). This antibody reacts with mature activated T-cells, most thymocytes, and a sub-population of resting T-cells within both CD4 and CD8 subsets. It shows no reactivity with normal B or natural killer cells, but 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.

Product Info

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| Amount : | 100 µg |
| Purification : | Affinity Chromatography |
| Content : | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (0.25-0.5ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Tonsil stained with CD45RO Monoclonal Antibody (UCLH-1 + T200/797).