

CD7 antibody

Mouse Monoclonal Antibody (Mab)

Catalog # AD80522

Product Information

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|--------------------------|------------------------|
| Application | IHC |
| Primary Accession | P09564 |
| Reactivity | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone Names | 613P1K7 |
| Calculated MW | 25409 |

Additional Information

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|--------------------|---|
| Gene ID | 924 |
| Other Names | T-cell antigen CD7, GP40, T-cell leukemia antigen, T-cell surface antigen Leu-9, TP41, CD7, CD7 |
| Dilution | IHC~~1:100~500 |
| Storage | Maintain refrigerated at 2-8°C. |

Protein Information

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|--------------------------|--|
| Name | CD7 |
| Function | Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed: 7506726). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed: 10652336). In turn, mediates the production of cytokines such as IL-2 (PubMed: 1709867). On resting NK-cells, CD7 activation results in a significant induction of interferon-gamma levels (PubMed: 7506726). |
| Cellular Location | Membrane; Single-pass type I membrane protein. |
| Tissue Location | Expressed on T-cells and natural killer (NK) cells and their precursors. |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.