

# CD7 Antibody

Mouse Monoclonal Antibody (Mab)

Catalog # AD80239

## Product Information

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Application	IHC
Primary Accession	<a href="#">P09564</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	634A6D3
Calculated MW	25409

## Additional Information

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Gene ID	924
Gene Name	CD7
Other Names	T-cell antigen CD7, GP40, T-cell leukemia antigen, T-cell surface antigen Leu-9, TP41, CD7, CD7
Dilution	IHC~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	CD7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

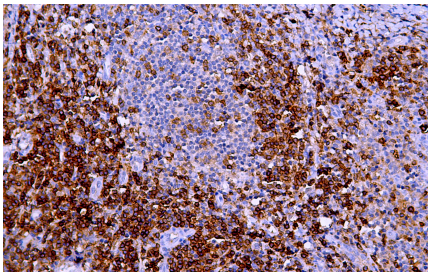
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Name	CD7
Function	Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed: <a href="#">7506726</a> ). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed: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

## Images

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Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80239 performed on the Abcarta® FAIP-48 Fully automated IHC platform. Tissue



was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0).Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems(Abcepta:ADR005) was used as the secondary antibody.

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