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Datasheet for ABIN7477397 Recombinant anti-CD7 antibody

3 Images



Overview

Quantity:	1 mL
Target:	CD7
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD7 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Clone:	MSVA-007R
Isotype:	lgG

Target Details

Target:	CD7
Alternative Name:	CD7 (CD7 Products)
Background:	GP40, Leu9, p41, T-cell leukemia antigen, T-cell surface antigen Leu-9, Tp40, TP41,CD7 antibody validated for immunohistochemistry on 76 different Normal Tissues
UniProt:	P09564
Pathways:	Cell-Cell Junction Organization

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Application Details		
Application Notes:	IHC 1:100-1:200	
Comment:	Positive Control: Tonsil: A moderate to strong, predominantly membranous staining of T-cells in the interfollicular zones and the germinal centres should be seen. Colon: A moderate to strong staining of the intra-epithelial T-cells in the colon mucosa should be seen. Negative Control: Tonsil/Colon: All epithelial structures should stain negative.	
Protocol:	Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.	

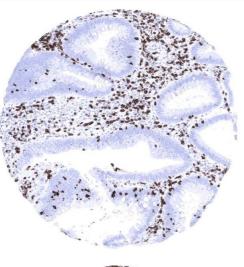
Images

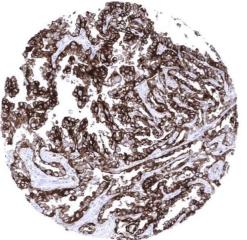


Immunohistochemistry

Image 1. Tonsil Strong CD7 positivity of T lymphocytes mainly in the interfollicular area

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Immunohistochemistry

Image 2. Colon Strong CD7 staining of a large fraction of tumor infiltrating lymphocytes in a colorectal adenocarcinoma. Tumor glands are completely CD7 negative

Immunohistochemistry

Image 3. Strong membranous CD7 expression of an adenocarcinoma of the lung

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