

Datasheet for ABIN7477413

Recombinant anti-CD45 antibody[Go to Product page](#)**3** Images

Overview

Quantity:	1 mL
Target:	CD45 (PTPRC)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD45 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Clone:	MSVA-045R
Isotype:	IgG

Target Details

Target:	CD45 (PTPRC)
Alternative Name:	CD45 (PTPRC Products)
Background:	B220, CD45R, GP180, Leukocyte common antigen (LCA), Loc, Ly-5, Lyt-4, Protein tyrosine phosphatase receptor type C (PTPRC), Receptor-type tyrosine-protein phosphatase C, T200 glycoprotein, CD45 antibody validated for immunohistochemistry on 76 different Normal Tissues
UniProt:	P08575

Target Details

Pathways:	TCR Signaling, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, CXCR4-mediated Signaling Events, BCR Signaling
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Application Details

Application Notes:	IHC 1:100-1:200
Comment:	Positive Control: Tonsil: All lymphocytes and histiocytes must show a strong membranous CD45 staining. Negative Control: Tonsil: Squamous epithelial cells must be completely CD45 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

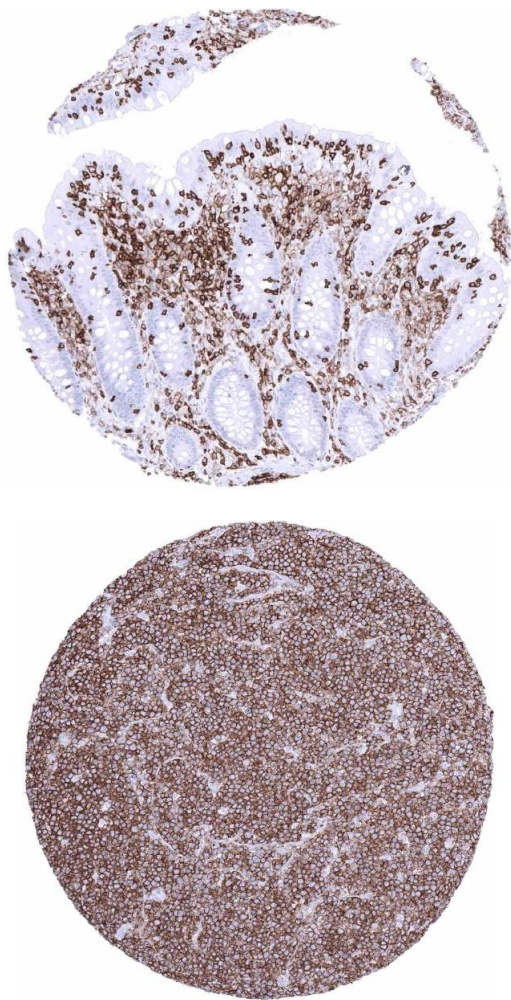
Format:	Liquid
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.

Images



Immunohistochemistry

Image 1. In the lymph node virtually all hematolymphoid cells are CD45 positive



Immunohistochemistry

Image 2. In the appendix CD45 immunostaining is stronger in lymphocytes than in macrophages. Epithelial cells are completely CD45 negative

Immunohistochemistry

Image 3. Lymph node Diffuse large B cell lymphoma showing strong CD45 staining of tumor cells