.-online.com antibodies

Datasheet for ABIN6941181 anti-CD37 antibody

2 Images



Overview

Quantity:	100 µg	
Target:	CD37 (TSPAN26)	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This CD37 antibody is un-conjugated	
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Functional Studies (Func)	

Product Details

Immunogen:	Spleen cells of a patient with hairy cell leukemia	
Clone:	IPO-24	
lsotype:	lgG2b kappa	
Specificity:	Recognizes a protein of 33-55 kDa, identified as CD37 (Workshop V, Code CD37.7). CD37 is	
	strongly expressed on normal and neoplastic mature (slg+) B-lymphocytes. In B-cell ontogeny,	
	CD37 appears after the pre-B-cell stage, is maintained during peripheral B-cell development and	
	is lost upon terminal differentiation into plasma cells.1 CD37 is also present, at low densities,	
	on resting and activated T cells, neutrophils, monocytes, and some myelomonocytic leukemia	
	cells. It is absent from platelets, erythrocytes. CD37 is a member of a family of tetraspan	
	transmembrane proteins, including CD9, CD53, CD63, CD81, and CD82. It associates other	
	tetraspan transmembrane proteins and MHC class II molecules to form a large complex at the	
	surface of B cells and play a role in signal transduction. CD37 is a valuable and stable marker	
	for peripheral mature B-cells and corresponding malignancies like B-cell chronic lymphocytic	

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN6941181 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Product Details		
	leukemia (B-CLL), hairy cell leukemia (HCL), and all types of B-cell non-Hodgkin" lymphoma (B- NHL).	
Purification:	Purified by Protein A/G	
Target Details		
Target:	CD37 (TSPAN26)	
Alternative Name:	CD37 (TSPAN26 Products)	
Molecular Weight:	33-55kDa	
Gene ID:	951	
UniProt:	P11049	
Pathways:	Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response	
Application Details		
Application Notes:	Positive Control: Daudi, Raji, Namalva, Ramos cells and human lymphocytes. Human tonsil and lymph node. Known Application: Functional Studies (Order Ab without Azide), Flow Cytometry (0.5-1 µ g/million cells), Immunofluorescence (0.5-1 µg/mL), Optimal dilution for a specific application should be determined.	
Restrictions:	For Research Use only	
Handling		
Concentration:	200 µg/mL	
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °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. No MSDS required.	

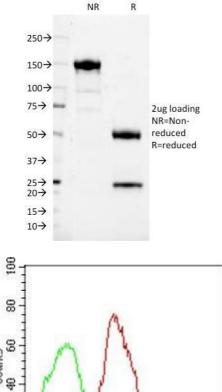
Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN6941181 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

	i II	•
	lond	lina
	land	
•		

Expiry Date:

24 months

Images



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD37 Mouse Monoclonal Antibody (IPO24). Confirmation of Purity and Integrity of Antibody.



Image 2. Flow Cytometric staining of PHA stimulated PBMC. Green isotype control; Red CD37 Mouse Monoclonal Antibody (IPO24). Goat anti-Mouse PE was used as secondary antibody

