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Datasheet for ABIN7072601

Recombinant anti-CD53 antibody

2 Images

Overview

Quantity:	200 µg
Target:	CD53
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This CD53 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC)

Product Details

Immunogen:	This antibody was raised by immunising mice with human leukemia cells.
Clone:	HD77
Isotype:	IgG kappa
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG1
Purification:	Purified antibody.

Target Details

Target:	CD53
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Target Details

Alternative Name:	CD53 (CD53 Products)
Background:	TSPAN-25, Leukocyte surface antigen CD53, Tetraspanin-25, MOX44, TSPAN25
UniProt:	P19397

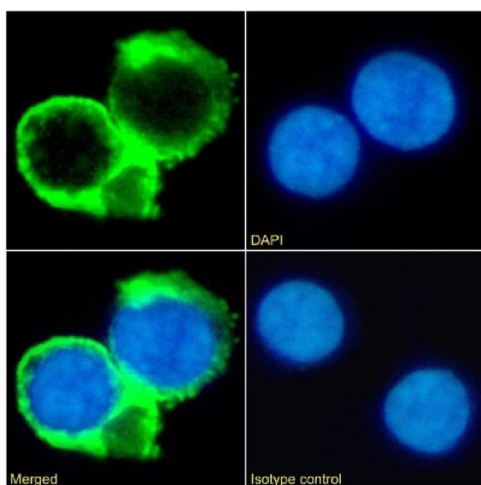
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

Handling

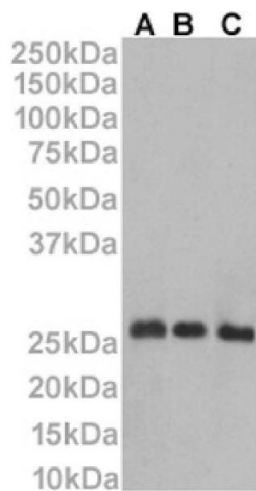
Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of fixed Daudi cells with anti-CD53 antibody HD77. Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix™ coverslips stained with the chimeric rabbit IgG version HD77 (ABIN7072601) at 10 µg/mL for 1h followed by Alexa Fluor® 488 secondary antibody (2 µg/mL), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom ABIN7072601, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody (ABIN5668079) followed by staining with Alexa Fluor® 488



secondary antibody.

Western Blotting

Image 2. Western Blot using anti-CD53 antibody HD77. Human lymph node (A), human thymus (B) and human spleen (C) tissue lysates (35 μ g protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of HD77 (ABIN7072601) at 0.1 μ g/mL, 0.3 μ g/mL and 0.5 μ g/mL, respectively, before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.