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Datasheet for ABIN653081  
**anti-CD47 antibody (C-Term)**

1 Image

Overview

Quantity:	400 µL
Target:	CD47
Binding Specificity:	AA 288-315, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD47 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This CD47 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 288-315 amino acids from the C-terminal region of human CD47.
Clone:	RB23121
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CD47
Alternative Name:	CD47 ( <a href="#">CD47 Products</a> )
Background:	CD47 antigen, also known as integrin associated protein (IAP), has a very broad tissue

## Target Details

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distribution. CD47 is expressed on all hematopoietic cells, including leukocytes, platelets and erythrocytes. It is also expressed on epithelial cells, endothelial cells, fibroblasts and many tumor cell lines. There are approximately 50.000 CD47 Molecules per erythrocyte. The glycoprotein is deficient in erythrocytes of the rare Rh null phenotype. CD47 is a heavily N glycosylated cell membrane glycoprotein of apparent molecular weight 47-52 kDa. It may play a role as a signaltransducer in the regulation of cation fluxes across cell membranes and in the chemotactic and adhesive interactions of leukocytes with endothelial cells.

Gene ID:	961
NCBI Accession:	<a href="#">NP_001768</a> , <a href="#">NP_942088</a>
UniProt:	<a href="#">Q08722</a>

## Application Details

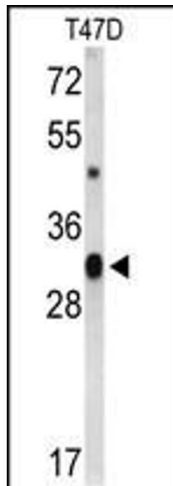
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium 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,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Western Blotting

**Image 1.** Western blot analysis of CD47 Antibody (C-term) (ABIN653081 and ABIN2842678) in T47D cell line lysates (35 µg/lane). CD47 (arrow) was detected using the purified Pab.