

Datasheet for ABIN5539493  
**anti-CD47 antibody (Internal Region)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µg
Target:	CD47
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CD47 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	CD47
Sequence:	SNQKTIQPPR K
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001768.1, NP_942088.1).
Cross-Reactivity:	Dog, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	CD47
Alternative Name:	CD47 ( <a href="#">CD47 Products</a> )
Background:	CD47, CD47 Molecule, IAP, MER6, OA3, CD47 antigen (Rh-related antigen, integrin-associated signal transducer), CD47 glycoprotein, Rh-related antigen, antigen identified by monoclonal antibody 1D8, antigenic surface determinant protein OA3, integrin associ
Gene ID:	961
NCBI Accession:	<a href="#">NP_001768</a> , <a href="#">NP_942088</a>

## Application Details

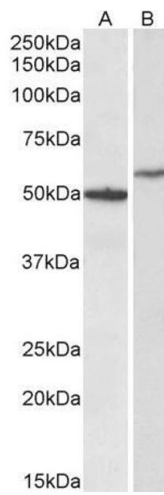
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Application Notes:	Western Blot: Approx 50 kDa band observed in Human Hippocampus lysates and 60 kDa in lysates of cell lines HeLa and Jurkat (calculated MW of 35.2 kDa according to NP_001768.1). The observed molecular weights correspond to glycosylated forms. Recommended con Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Western Blotting

**Image 1.** ABIN5539493 (0.3 $\mu$ g/ml) staining of Human Hippocampus (A) and HeLa (B) lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.