

Datasheet for ABIN2854817  
**anti-CD82 antibody (C-Term)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	CD82
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD82 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human CD82. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to CD82 (CD82 Molecule) CD82 antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	CD82
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## Target Details

Alternative Name:	CD82 molecule ( <a href="#">CD82 Products</a> )
Background:	<p>This metastasis suppressor gene product is a membrane glycoprotein that is a member of the transmembrane 4 superfamily. Expression of this gene has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter. Its expression and that of p53 are strongly correlated, and the loss of expression of these two proteins is associated with poor survival for prostate cancer patients. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.</p> <p>Cellular Localization: Membrane</p>
Molecular Weight:	30 kDa
Gene ID:	3732
UniProt:	<a href="#">P27701</a>
Pathways:	<a href="#">p53 Signaling</a>

## Application Details

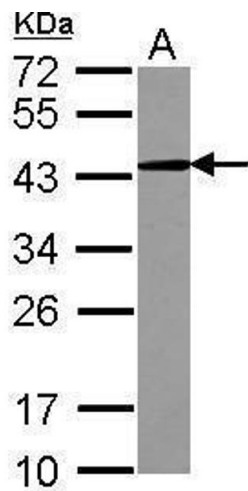
Application Notes:	WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: K562
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris-Glycine ( pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

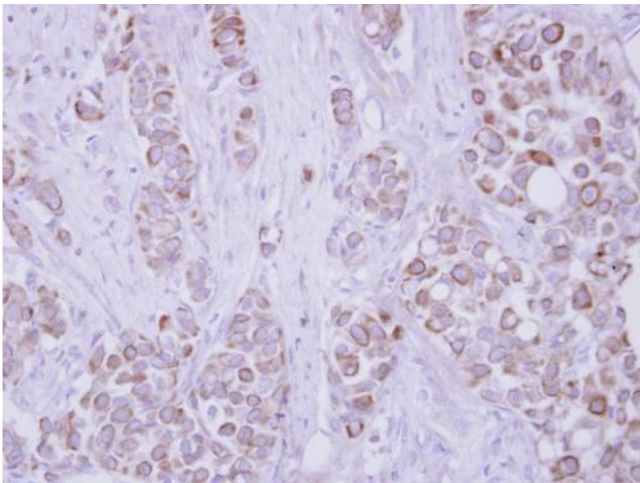
(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104437 for Cleavage Under Targets and Release Using Nuclease (CUT&RUN)



Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: K562 12% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded human breast cancer, using CD82, antibody at 1:250 dilution.