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Datasheet for ABIN7147182
anti-CD82 antibody (AA 111-228)

2 Images

Overview

Quantity:	100 µg
Target:	CD82
Binding Specificity:	AA 111-228
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD82 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human CD82 antigen protein (111-228AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CD82
Alternative Name:	CD82 (CD82 Products)
Background:	Background: Associates with CD4 or CD8 and delivers costimulatory signals for the TCR/CD3 pathway.

Target Details

Aliases: 4F9 antibody, Antigen detected by monoclonal and antibody IA4 antibody, C33 antibody, C33 antigen antibody, CD 82 antibody, CD82 antibody, CD82 antigen antibody, CD82 Molecule antibody, CD82_HUMAN antibody, GR 15 antibody, GR15 antibody, IA 4 antibody, IA4 antibody, Inducible membrane protein antibody, Inducible membrane protein R2 antibody, KAI 1 antibody, KAI1 antibody, Kangai 1 (suppression of tumorigenicity 6, prostate, CD82 antigen (R2 leukocyte antigen, antigen detected by monoclonal and antibody IA4)) antibody, Kangai 1 antibody, Kangai1 antibody, Leukocyte surface antigen R2 antibody, Metastasis suppressor Kangai 1 antibody, Metastasis suppressor Kangai-1 antibody, Metastasis suppressor Kangai1 antibody, Prostate cancer antimetastasis gene KAI1 antibody, R2 antibody, R2 leukocyte antigen antibody, SAR 2 antibody, SAR2 antibody, ST 6 antibody, ST6 antibody, Suppression of tumorigenicity 6 antibody, Suppression of tumorigenicity 6 prostate antibody, Suppressor of tumorigenicity 6 antibody, Suppressor of tumorigenicity 6 protein antibody, Tetraspanin 27 antibody, Tetraspanin-27 antibody, Tetraspanin27 antibody, Tspan 27 antibody, Tspan-27 antibody, Tspan27 antibody

UniProt: [P27701](#)

Pathways: [p53 Signaling](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

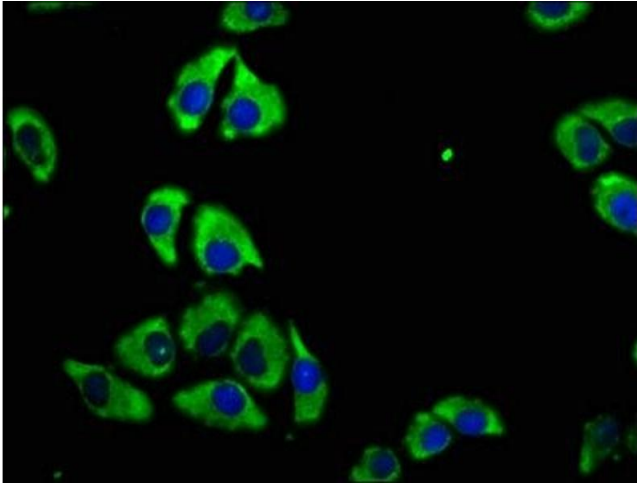
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

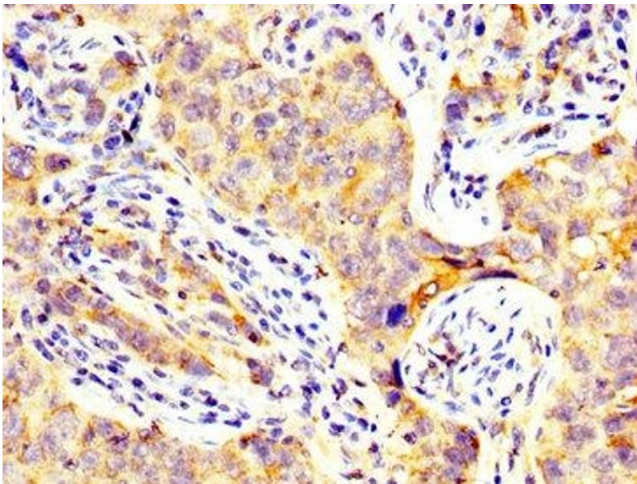
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of A549 cells with ABIN7147182 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7147182 diluted at 1:300 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.