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Datasheet for ABIN6260660 anti-CD9 antibody (Internal Region)

5 Images

1 Publication



Overview

Quantity:	100 µL
Target:	CD9
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human CD9, corresponding to a region within the internal amino acids.
Isotype:	lgG
Specificity:	CD9 Antibody detects endogenous levels of total CD9.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	CD9
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Target Details

Alternative Name:	CD9 (CD9 Products)
Background:	Description: Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion. Gene: CD9
Molecular Weight:	25 kDa
Gene ID:	928
UniProt:	P21926
Pathways:	Response to Water Deprivation, Cell-Cell Junction Organization

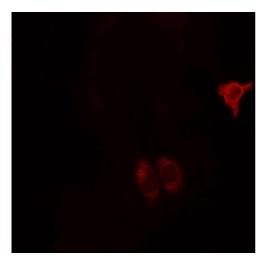
Application Details

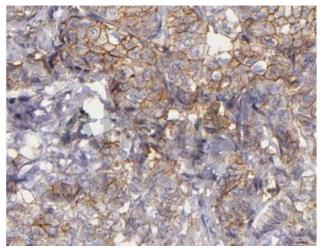
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months
Publications	
Product cited in:	Li, Wang, Yu, Wu, Hu, Wang, Ye: "miR-3619-5p inhibits prostate cancer cell growth by activating CDKN1A expression." in: Oncology reports , Vol. 37, Issue 1, pp. 241-248, (2017) (PubMed).

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Immunofluorescence (fixed cells)

Image 1. ABIN6268685 staining MCF7 cells by ICC/IF. Cells were fixed with PFA and permeabilized in 0.1% saponin prior to blocking in 10% serum for 45 minutes at 37°C. The primary antibody was diluted 1/200 and incubated with the sample for 1 hour at 37°C. A Alexa Fluor 594 conjugated goat polyclonal to rabbit IgG (H+L), diluted 1/600 was used as secondary antibody.

Immunohistochemistry

Image 2. ABIN6268685 at 1/100 staining human lung carcinoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

Immunofluorescence (fixed cells)

Image 3. ABIN6268685 staining MCF-7 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibody.

Please check the product details page for more images. Overall 5 images are available for ABIN6260660.

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