

Datasheet for ABIN3028531
anti-CA9 antibody (AA 113-143)

5 Images

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Overview

Quantity:	0.4 mL
Target:	CA9
Binding Specificity:	AA 113-143
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CA9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 113-143 from the human protein was used as the immunogen for this CA9 antibody.
Isotype:	Ig Fraction
Purification:	Purified

Target Details

Target:	CA9
Alternative Name:	CA9 (CA9 Products)
Background:	Reversible hydration of carbon dioxide. Participates in pH regulation. May be involved in the control of cell proliferation and transformation. Appears to be a novel specific biomarker for a cervical neoplasia. [UniProt]

Target Details

UniProt: [Q16790](#)

Application Details

Application Notes: Titration of the CA9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50,Immunofluorescence: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

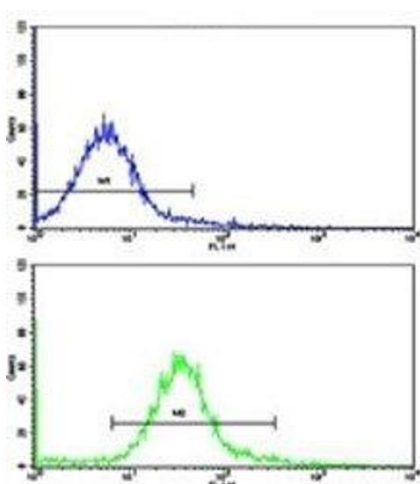
Preservative: Sodium azide

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

Storage: -20 °C

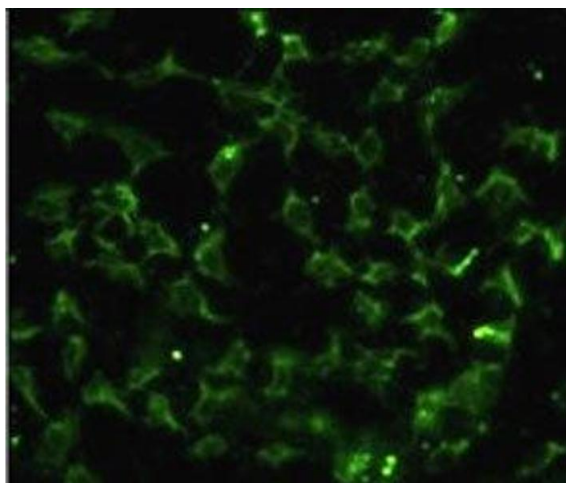
Storage Comment: Aliquot the CA9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



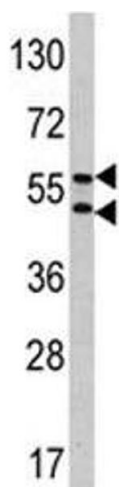
Flow Cytometry

Image 1. Flow cytometric analysis of HeLa cells using CA9 antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Immunofluorescence

Image 2. Immunofluorescence analysis of CA9 antibody with HeLa cells. Primary Ab was followed by FITC-conjugated goat anti-rabbit IgG; FITC emits green fluorescence.



Western Blotting

Image 3. Western blot analysis of CA9 antibody and HeLa lysate. Predicted molecular weight: 58 kDa and 54 kDa (soluble form).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3028531.