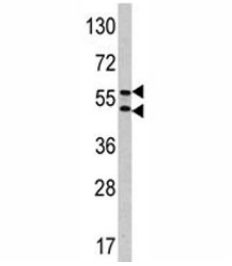
CA9 Antibody (F48972)

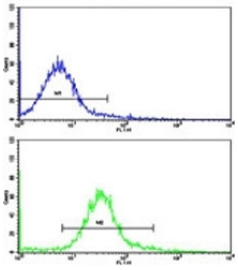
Catalog No.	Formulation	Size
F48972-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48972-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

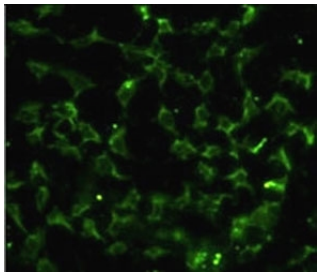
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q16790
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50 Immunofluorescence: 1:10-1:50
Limitations	This CA9 antibody is available for research use only.



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



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

Description

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]

Application Notes

Titration of the CA9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 113-143 from the human protein was used as the immunogen for this CA9 antibody.

Storage

Aliquot the CA9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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