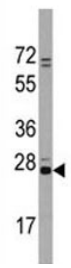
CD9 Antibody (F44201)

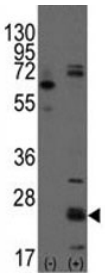
Catalog No.	Formulation	Size
F44201-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44201-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

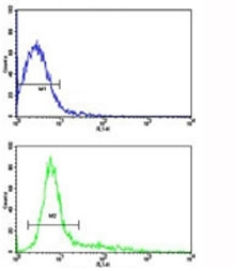
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P21926
Localization	Cytoplasmic, membranous
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50
Limitations	This CD9 antibody is available for research use only.



Western blot analysis of CD9 antibody and Jurkat lysate. Predicted molecular weight is 23-27 kDa



Western blot analysis of CD9 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CD9 gene (2).



Flow cytometric analysis of Jurkat cells using CD9 antibody (bottom histogram) compared to a negative control (top histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

CD9 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It can modulate cell adhesion and migration and also trigger platelet activation and aggregation. In addition, the protein appears to promote muscle cell fusion and support myotube maintenance.

Application Notes

Titration of the CD9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 21-51 from the human protein was used as the immunogen for this CD9 antibody.

Storage

Aliquot the CD9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.