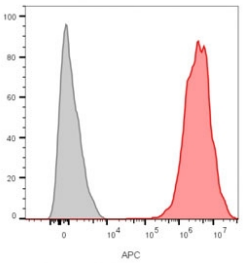
CD9 Antibody [clone CD9/1619] (V3788)

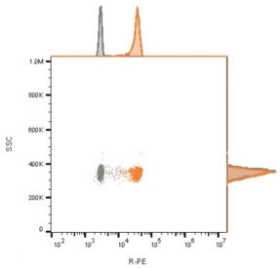
Catalog No.	Formulation	Size
V3788-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3788-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3788SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

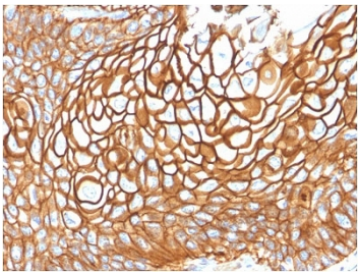
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CD9/1619
Purity	Protein G affinity chromatography
UniProt	P21926
Localization	Cell surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Flow cytometry: 1-2ug/million cells
Limitations	This CD9 antibody is available for research use only.



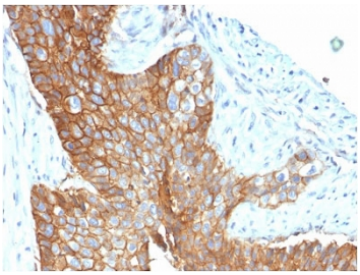
Flow cytometry staining of human MCF7 cells with CD9 antibody; Gray=unstained, Red= CD9 antibody.



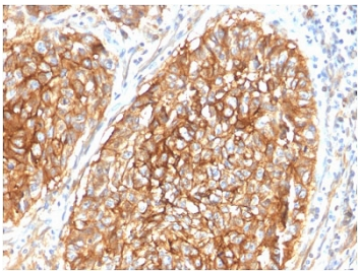
FACS staining of bead-bound exosomes derived from human MCF7 cells: Gray = unstained, Orange = CF568 labeled CD63 antibody.



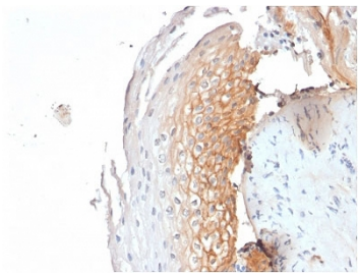
IHC staining of FFPE human basal cell carcinoma with CD9 antibody (clone CD9/1619). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



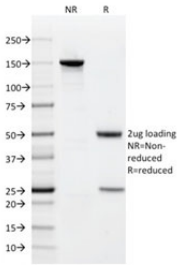
IHC staining of FFPE human cervical carcinoma with CD9 antibody (clone CD9/1619). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



IHC staining of FFPE human lung carcinoma with CD9 antibody (clone CD9/1619). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



IHC staining of FFPE human tonsil with CD9 antibody (clone CD9/1619). HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free CD9 antibody (clone CD9/1619) as confirmation of integrity and purity.

Description

CD9 is a type IV transmembrane glycoprotein with four transmembrane domains. CD9 on pre-B cells may play a role in cell-cell adhesion. In addition, CD9 may play a role in signal transduction mediated by interaction with low molecular weight GTP binding proteins. CD9 is expressed on early B cells, eosinophils, basophils and activated T cells and is a major component of the platelet cell surface. It is also expressed on most non-T acute lymphoblastic leukemia cells and on some acute myeloid and chronic lymphoid leukemias.

Application Notes

Titering of the CD9 antibody may be required for optimal performance.

Immunogen

Recombinant full-length human protein was used as the immunogen for the CD9 antibody.

Storage

Store the CD9 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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