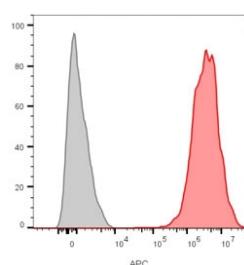


## CD9 Antibody [clone CD9/1631] (V3790)

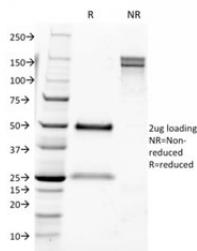
Catalog No.	Formulation	Size
V3790-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3790-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3790SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2a, kappa
<b>Clone Name</b>	CD9/1631
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P21926
<b>Localization</b>	Cell surface
<b>Applications</b>	ELISA (order BSA/sodium Azide-free Format For Coating) : Flow Cytometry : 1-2ug/million cells
<b>Limitations</b>	This CD9 antibody is available for research use only.



Flow cytometry staining of human MCF7 cells with CD9 antibody (clone CD9/1631);  
Gray=unstained, Red= CD9 antibody.



SDS-PAGE analysis of purified, BSA-free CD9 antibody (clone CD9/1631) 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).