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# Datasheet for ABIN6941084

# anti-CD9 antibody





## Overview

Quantity:	100 μg
Target:	CD9
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD9 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

# **Product Details**

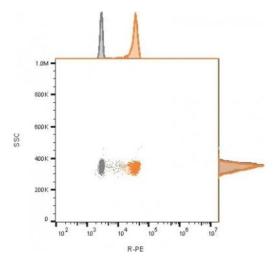
Immunogen:	Recombinant full-length human CD9 protein
Clone:	CD9-1619
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

# **Target Details**

Target:	CD9
Alternative Name:	CD9 (CD9 Products)
Background:	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

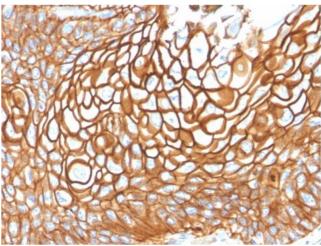
# **Target Details**

larget Details		
	platelet cell surface. It is also expressed on most non-T acute lymphoblastic leukemia cells an	
	on some acute myeloid and chronic lymphoid leukemia.	
Molecular Weight:	24kDa	
Gene ID:	928	
UniProt:	P21926	
Pathways:	Response to Water Deprivation, Cell-Cell Junction Organization	
Application Details		
Application Notes:	Positive Control: BT-20, HeLa or ZR-75 cells. Cervix or Esophagus.	
	Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at	
	RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate	
	buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a	
	specific application should be determined.	
Restrictions:	For Research Use only	
Handling		
Concentration:	200 μg/mL	
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % 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:	4 °C,-80 °C	
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody	
	is stable for 24 months. Non-hazardous. No MSDS required.	
Expiry Date:	24 months	



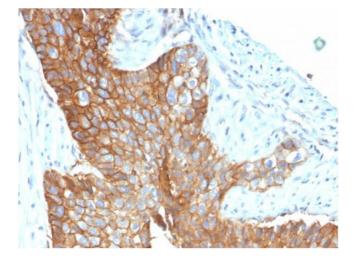
# **Flow Cytometry**

**Image 1.** Flow cytometry of bead-bound exosomes derived from MCF-7 cells. Unstained exosomes (gray) or stained with CF568-labeled CD9 monoclonal antibody (CD9/1619) (orange).



## **Immunohistochemistry**

**Image 2.** Formalin-fixed, paraffin-embedded human Basal Cell Carcinoma stained with CD9 Mouse Monoclonal Antibody (CD9/1619).



## **Immunohistochemistry**

**Image 3.** Formalin-fixed, paraffin-embedded human Cervical Carcinoma stained with CD9 Mouse Monoclonal Antibody (CD9/1619).

Please check the product details page for more images. Overall 7 images are available for ABIN6941084.