

Product datasheet

PE Anti-CD9 antibody [VJ1/20] ab91296

1 Image

Overview

Product name	PE Anti-CD9 antibody [VJ1/20]
Description	PE Mouse monoclonal [VJ1/20] to CD9
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD9. Tissue/ cell preparation (Human tonsil).
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: 1% BSA
Purity	Immunogen affinity purified
Clonality	Monoclonal
Clone number	VJ1/20
Isotype	IgG2a

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab91296 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		

Application notes

Flow Cyt: Use 20 µl for 10⁶ cells.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.

Tissue specificity

Expressed by a variety of hematopoietic and epithelial cells.

Sequence similarities

Belongs to the tetraspanin (TM4SF) family.

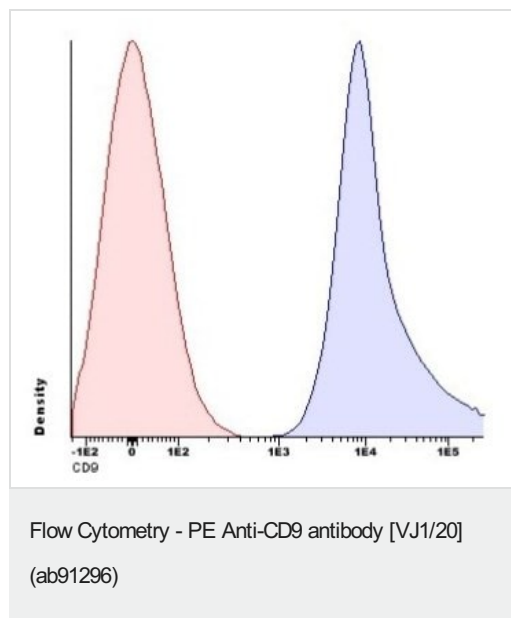
Post-translational modifications

Protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.

Cellular localization

Membrane.

Images



Flow cytometry of human peripheral blood platelets stained with either ab91296 (blue) or PE conjugated human isotype control IgG2a (red).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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