

Product datasheet

APC/Cy7® Anti-CD9 antibody [MEM-61] ab239306

1 Image

Overview

Product name	APC/Cy7® Anti-CD9 antibody [MEM-61]
Description	APC/Cy7® Mouse monoclonal [MEM-61] to CD9
Host species	Mouse
Conjugation	APC/Cy7®. Ex: 650nm, Em: 774nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to CD9. Pre-B cell line NALM-6.
Positive control	Flow Cyt: Human peripheral blood cells.
General notes	<p>This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy® and CyDye® are trademarks of Cytiva.</p> <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. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.0975% Sodium azide Constituent: PBS
Purity	Size exclusion
Purification notes	The purified antibody is conjugated with tandem dye APC-Cy™7 under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.

Clonality	Monoclonal
Clone number	MEM-61
Isotype	IgG1

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab239306 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		Use 4µl for 10 ⁵ cells. OR 100 µl of whole blood.

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.

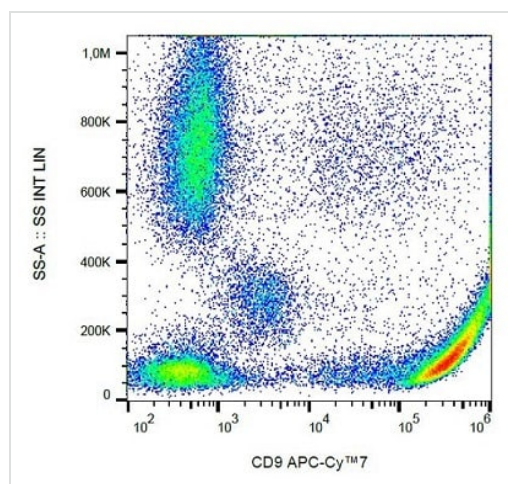
Tissue specificity Expressed by a variety of hematopoietic and epithelial cells.

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 analysis of human peripheral blood labeling CD9 with ab239306. Surface staining.

Flow Cytometry - APC/Cy7® Anti-CD9 antibody
[MEM-61] (ab239306)

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