

Biotin Anti-CD9 antibody [MEM-61] ab28094

★★★★★ [1 Abreviews](#) [2 References](#)

Overview

Product name	Biotin Anti-CD9 antibody [MEM-61]
Description	Biotin Mouse monoclonal [MEM-61] to CD9
Host species	Mouse
Conjugation	Biotin
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Tissue, cells or virus corresponding to Human CD9. Pre B cell line NALM-6
Epitope	The antibody recognizes an epitope on second extracellular domain (EC2) of CD9 antigen, a protein of 24 kDa belonging to tetraspans family (TM4SF).
General notes	<p>The purified antibody is conjugated with Biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated biotin.</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 short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
Clonality	Monoclonal
Clone number	MEM-61
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab28094 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 at an assay dependent concentration. ab18434 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

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.

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