

Product datasheet

Anti-CD9 antibody [EM-04] ab82390

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Overview

Product name	Anti-CD9 antibody [EM-04]
Description	Rat monoclonal [EM-04] to CD9
Host species	Rat
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse
Immunogen	Tissue, cells or virus corresponding to Mouse CD9. Permeabilized murine bone marrow-derived mast cells (BMMC)
Positive control	Lysates from Mouse bone marrow-derived mast cells (BMMC)
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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Protein G purified
Clonality	Monoclonal
Clone number	EM-04
Isotype	IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab82390 in the following tested applications.

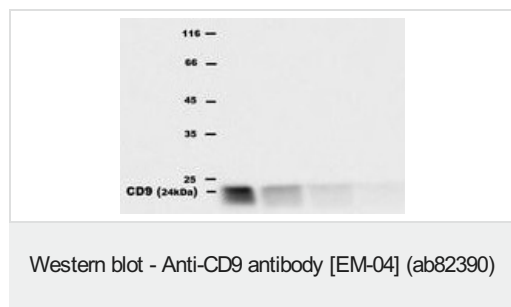
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Use under non reducing condition. Predicted molecular weight: 25 kDa.

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



All lanes : Anti-CD9 antibody [EM-04] (ab82390) at 1 µg/ml

Lane 1 : lysate from 1×10^6 mouse bone marrow-derived mast cell (BMMC)

Lane 2 : lysate from 0.5×10^6 mouse bone marrow-derived mast cell (BMMC)

Lane 3 : lysate from 0.25×10^6 mouse bone marrow-derived mast cell (BMMC)

Lane 4 : lysate from 0.125×10^6 mouse bone marrow-derived mast cell (BMMC)

Performed under non-reducing conditions.

Predicted band size: 25 kDa

Observed band size: 24 kDa

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

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