

Anti-CD9 antibody [MEM-61] ab2215

★★★★☆ **4 Abreviews** **49 References** 画像数 3

製品の概要

製品名	Anti-CD9 antibody [MEM-61]
製品の詳細	Mouse monoclonal [MEM-61] to CD9
由来種	Mouse
アプリケーション	適用あり: IHC-P, Mass Cytometry, Flow Cyt
種交差性	交差種: Human
免疫原	Tissue, cells or virus corresponding to Human CD9. Pre-B line Nalm-6
ポジティブ・コントロール	Prostate IHC-P: Human lung FFPE tissue sections.
特記事項	<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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Protein A purified
特記事項(精製)	This product has been purified from tissue culture supernatant. Purity >95% by SDS-PAGE.
ポリ/モノ	モノクローナル
クローン名	MEM-61
ミエローマ	unknown
アイソタイプ	IgG1
軽鎖の種類	unknown

アプリケーション

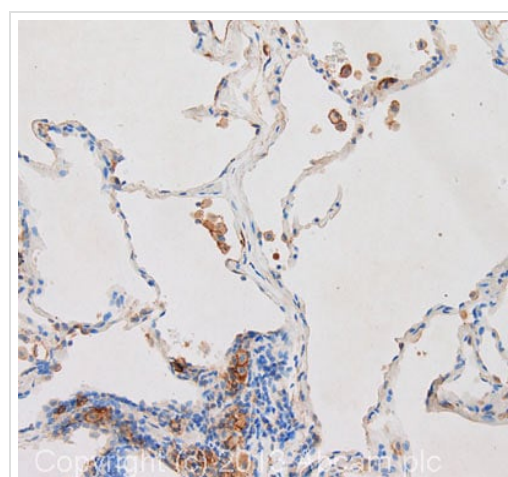
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab2215の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (1)	Use a concentration of 20 µg/ml.
Mass Cytometry		Use at an assay dependent concentration.
Flow Cyt		Use a concentration of 1 - 4 µg/ml. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	Involved in platelet activation and aggregation. Regulates paranodal junction formation. Involved in cell adhesion, cell motility and tumor metastasis. Required for sperm-egg fusion.
組織特異性	Expressed by a variety of hematopoietic and epithelial cells.
配列類似性	Belongs to the tetraspanin (TM4SF) family.
翻訳後修飾	Protein exists in three forms with molecular masses between 22 and 27 kDa, and is known to carry covalently linked fatty acids.
細胞内局在	Membrane.

画像



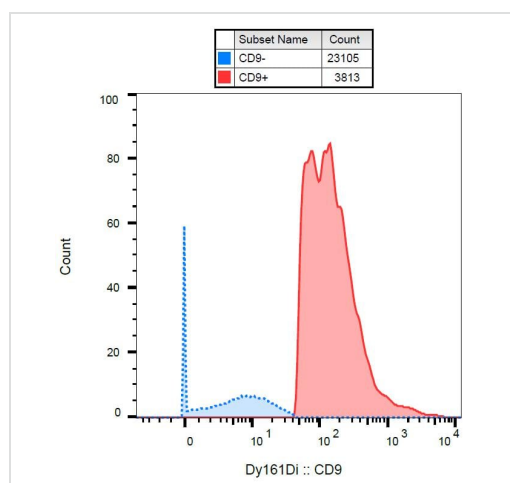
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD9 antibody [MEM-61] (ab2215)

IHC image of ab2215 staining in human lung formalin fixed paraffin embedded tissue section, performed on a Leica Bond system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab2215, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

Flow Cytometry - Anti-CD9 antibody [MEM-61] (ab2215)

Overlay histogram showing Jurkat cells stained with ab2215 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab2215, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] ([ab91353](#), 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in Jurkat cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.



Mass cytometry (surface staining) analysis of human peripheral blood mononucleocytes after Ficoll-Paque separation with anti-human CD9 (MEM-61) Dy161.

Mass Cytometry - Anti-CD9 antibody [MEM-61] (ab2215)

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