

# Anti-CD105 antibody [MEM-229] ab69772

**12 References**    [画像数 2](#)

### 製品の概要

製品名	Anti-CD105 antibody [MEM-229]
製品の詳細	Mouse monoclonal [MEM-229] to CD105
由来種	Mouse
アプリケーション	<b>適用あり:</b> IHC-Fr, ICC/IF
種交差性	<b>交差種:</b> Human, Pig
免疫原	Tissue, cells or virus corresponding to Human CD105. Recombinant Vaccinia virus containing the human CD105 (L-isoform) cDNA
ポジティブ・コントロール	Kg1 human acute myelogenous leukemia cell line. This antibody gave a positive result when used in the following formaldehyde fixed cell lines: HeLa.
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&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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)	Purified from TCS
ポリ/モノ	モノクローナル
クローン名	MEM-229
アイソタイプ	IgG2a

## アプリケーション

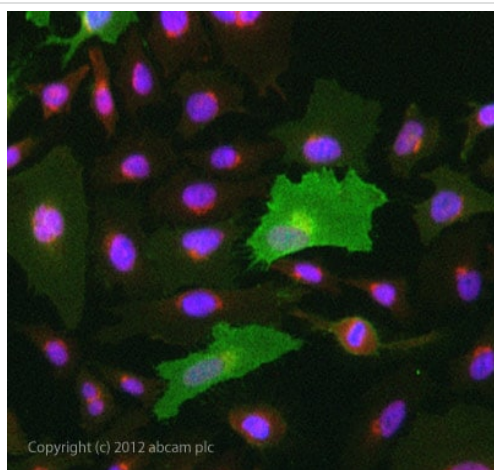
**The Abpromise guarantee** Abpromise保証は、 次のテスト済みアプリケーションにおけるab69772の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-Fr		1/200. Fix with Acetone.
ICC/IF		Use at an assay dependent concentration.

## ターゲット情報

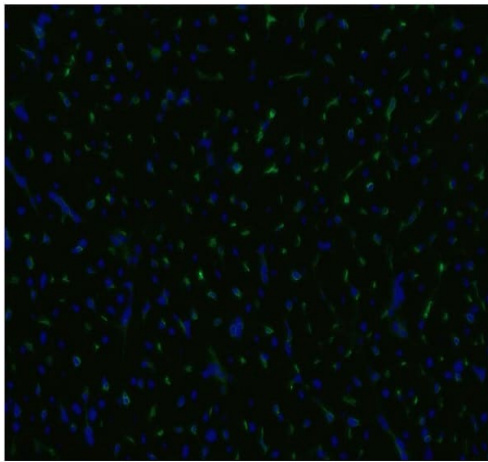
機能	Major glycoprotein of vascular endothelium. May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors.
組織特異性	Endoglin is restricted to endothelial cells in all tissues except bone marrow.
関連疾患	Defects in ENG are the cause of hereditary hemorrhagic telangiectasia type 1 (HHT1) [MIM:187300, 108010]; also known as Osler-Rendu-Weber syndrome 1 (ORW1). HHT1 is an autosomal dominant multisystemic vascular dysplasia, characterized by recurrent epistaxis, muco-cutaneous telangiectases, gastro-intestinal hemorrhage, and pulmonary (PAVM), cerebral (CAVM) and hepatic arteriovenous malformations; all secondary manifestations of the underlying vascular dysplasia. Although the first symptom of HHT1 in children is generally nose bleed, there is an important clinical heterogeneity.
細胞内局在	Membrane.

## 画像



Immunocytochemistry/ Immunofluorescence - Anti-CD105 antibody [MEM-229] (ab69772)

ab69772 stained HeLa cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1% BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab69772 at 5µg/ml overnight at +4°C. The secondary antibody (green) was DyLight® 488 goat anti-mouse ([ab96879](#)) IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.



Immunohistochemical analysis of frozen infarcted porcine heart labelling CD105 (green) with ab69772 at 5µg/mL. DAPI (blue) was used as nuclear counterstain.

Immunohistochemistry (Frozen sections) - Anti-CD105 antibody [MEM-229] (ab69772)

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

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