

### Anti-CD9 antibody [TS9] - BSA and Azide free ab58989

KO 評価済

★★★★★ [2 Abreviews](#) [5 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-CD9 antibody [TS9] - BSA and Azide free
製品の詳細	Mouse monoclonal [TS9] to CD9 - BSA and Azide free
由来種	Mouse
特異性	Recognises the p24 antigen, a 24 kda protein.
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Human
免疫原	Tissue, cells or virus corresponding to Human CD9. HeLa cell line
ポジティブ・コントロール	WB: HeLa, A549, MCF7 and HEL cell lysates.
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 19<sup>th</sup> June 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</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&amp;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	pH: 7.30 Constituent: 100% PBS
キャリア・フリー	Sterile-filtered through 0.22 µm. Carrier and preservative free はい

精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	TS9
ミエローマ	x63-Ag8.653
アイソタイプ	IgG1
軽鎖の種類	kappa

## アプリケーション

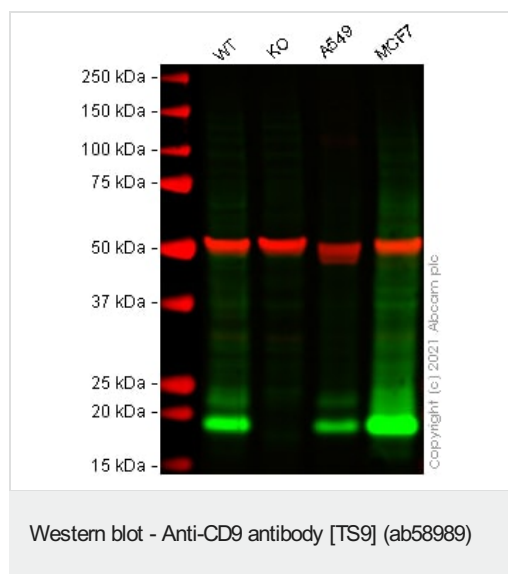
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab58989の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
WB	★★★★★ (1)	Use at an assay dependent concentration. Predicted molecular weight: 24 kDa.

## 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



**All lanes** : Anti-CD9 antibody [TS9] - BSA and Azide free (ab58989) at 1 µg/ml

- Lane 1** : Wild-type HeLa (No DTT) cell lysate
- Lane 2** : CD9 knockout HeLa (No DTT) cell lysate
- Lane 3** : A549 (Non-Reducing) cell lysate
- Lane 4** : MCF7 (Non-Reducing) cell lysate

Lysates/proteins at 20 µg per lane.

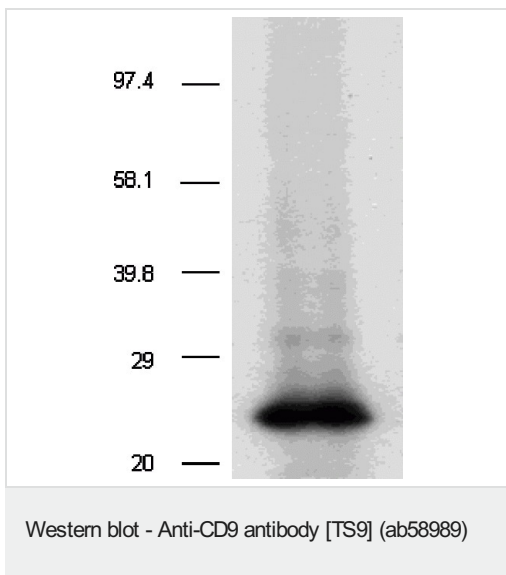
Performed under reducing conditions.

**Predicted band size:** 24 kDa

**Observed band size:** 24 kDa

**Lanes 1 - 4:** Merged signal (red and green). Green - ab58989 observed at 24 kDa. Red - loading control **ab52866** (Rabbit anti-alpha Tubulin antibody [EP1332Y]) observed at 55 kDa.

ab58989 was shown to react with CD9 in wild-type HeLa cells in Western blot with loss of signal observed in CD9 knockout cell line **ab255375** (CD9 knockout cell lysate **ab263754**). Wild-type HeLa and CD9 knockout cell lysates were subjected to SDS-PAGE. Membranes were blocked in 3 % milk in TBS-T (0.1 % Tween<sup>®</sup>) before incubation with ab58989 and **ab52866** (Rabbit anti-alpha Tubulin antibody [EP1332Y]) overnight at 4 °C at 1 µg/ml and a 1 in 20000 dilution respectively. Blots were incubated with Goat anti-Mouse IgG H&L (IRDye<sup>®</sup> 800CW) preabsorbed (**ab216772**) and Goat anti-Rabbit IgG H&L (IRDye<sup>®</sup> 680RD) preabsorbed (**ab216777**) secondary antibodies at 1 in 20000 dilution for 1 h at room temperature before imaging.



Anti-CD9 antibody [TS9] - BSA and Azide free (ab58989) + HEL cell lysate at 130000 cells

Performed under non-reducing conditions.

**Predicted band size:** 24 kDa

This image was generated using the ascites version of the product.

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

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