

# Anti-HLA Class 1 ABC antibody [EMR8-5] ab70328

★★★★★ [19 Abreviews](#) [141 References](#) [画像数 4](#)

### 製品の概要

製品名	Anti-HLA Class 1 ABC antibody [EMR8-5]
製品の詳細	Mouse monoclonal [EMR8-5] to HLA Class 1 ABC
由来種	Mouse
特異性	ab70328 reacts with the heavy chains of human HLA class 1 A, -B, and -C.
アプリケーション	<b>適用あり:</b> Flow Cyt, IHC-P, WB
種交差性	<b>交差種:</b> Human, Recombinant fragment
免疫原	Recombinant full length protein corresponding to HLA Class 1 ABC. Recombinant HLA-A*2402 extracellular domain
ポジティブ・コントロール	IHC-P: Human tonsil 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&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 long term.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EMR8-5
ミエローマ	NS1
アイソタイプ	IgG1

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ab70328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
Flow Cyt	★ ★ ★ ★ ★ (1)	Use 1-2µg for 10 <sup>6</sup> cells. (methanol or paraformaldehyde fixed cells)  <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-P	★ ★ ★ ★ ★ (9)	Use a concentration of 0.05 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB	★ ★ ★ ★ ★ (2)	Use at an assay dependent concentration.

ターゲット情報

関連性      HLA-ABC antigen is present on most nucleated cells of humans and Old World monkeys. HLA Class I is involved in the presentation of foreign antigens to the immune system.

細胞内局在      Cell Membrane; Single-pass type I membrane protein

画像



**All lanes :** Anti-HLA Class 1 ABC antibody [EMR8-5] (ab70328)

**Lane 1 :** A\*2402  
**Lane 2 :** A\*0101  
**Lane 3 :** A\*1101  
**Lane 4 :** A\*0201  
**Lane 5 :** A\*0207  
**Lane 6 :** A2402  
**Lane 7 :** B\*0702  
**Lane 8 :** B\*0801  
**Lane 9 :** B\*1501  
**Lane 10 :** B\*3501  
**Lane 11 :** B\*4001  
**Lane 12 :** B\*4002  
**Lane 13 :** B\*4006  
**Lane 14 :** B\*4403  
**Lane 15 :** Cw\*0102

**Lane 16 :** Cw\*0801

**Lane 17 :** Cw\*1202

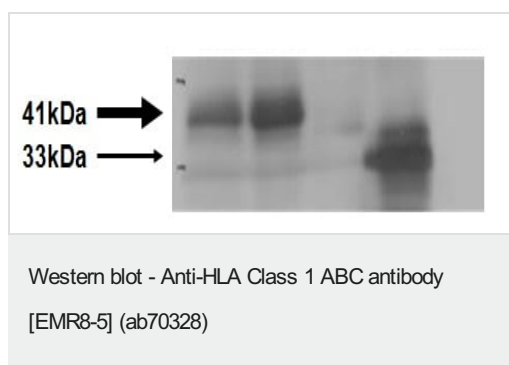
**Lane 18 :** Cw\*1502

Western blot analysis of ab70328 reactivity using recombinant HLA heavy chains.

Lanes 1-6: HLA-A

Lanes 7-14: HLA-B

Lanes 15-18: HLA-C



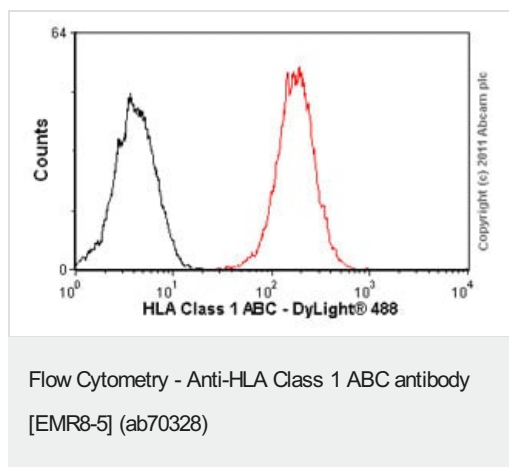
**All lanes :** Anti-HLA Class 1 ABC antibody [EMR8-5] (ab70328)

**Lane 1 :** Human oral cancer cell line OSC20

**Lane 2 :** HLA-A2402 gene transfected OSC20

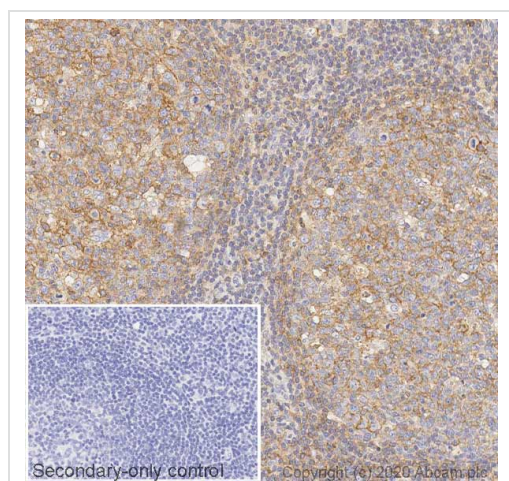
**Lane 3 :** Human Leukemia cell line K562

**Lane 4 :** Recombinant HLA-A2402 heavy chain



Overlay histogram showing Jurkat cells stained with ab70328 (red line). The cells were fixed with methanol (5 min) and incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab70328, 1µg/1x10<sup>6</sup> 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 [CIGG1] ([ab91353](#), 2µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in Jurkat cells fixed with 4% paraformaldehyde (10 min) used under the same conditions.

Please note that Abcam do not have data for use of this antibody on non-fixed cells. We welcome any customer feedback.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HLA Class 1 ABC antibody [EMR8-5] (ab70328)

IHC image of HLA Class 1 ABC staining in a section of formalin-fixed paraffin-embedded normal human tonsil\* performed on a Leica BOND™ system using the standard protocol. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20mins. The section was then incubated with ab70328, 0.05ug/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. The inset secondary-only control image is taken from an identical assay without primary antibody.

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.

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

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