

### Anti-HLA G antibody [EPR23298-97] ab283260

リコンビナント **RabMAb**

#### 2 References [画像数 7](#)

#### 製品の概要

製品名	Anti-HLA G antibody [EPR23298-97]
製品の詳細	Rabbit monoclonal [EPR23298-97] to HLA G
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P, WB, ICC/IF <b>適用なし:</b> Flow Cyt or IP
種交差性	<b>交差種:</b> Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: JEG-3 whole cell lysate; Human placenta tissue lysate. IHC-P: Human placenta, Human breast carcinoma and Human cardiac muscle tissues. ICC/IF: JEG-3 cells.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</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. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59.94% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR23298-97

アイソタイプ

IgG

## 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ab283260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
IHC-P		1/20000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/1000. Predicted molecular weight: 38 kDa.
ICC/IF		1/100.

### 追加情報

Is unsuitable for Flow Cyt or IP.

## ターゲット情報

### 機能

Involved in the presentation of foreign antigens to the immune system. Plays a role in maternal tolerance of the fetus by mediating protection from the deleterious effects of natural killer cells, cytotoxic T lymphocytes, macrophages and mononuclear cells.

### 組織特異性

Expressed in trophoblasts.

### 配列類似性

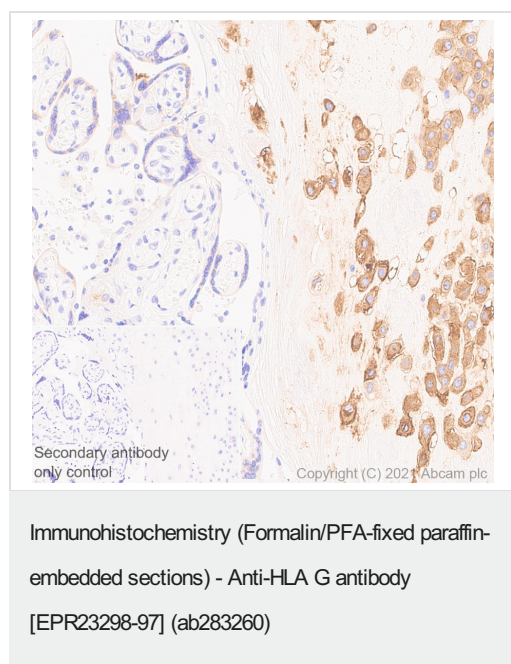
Belongs to the MHC class I family.

Contains 1 Ig-like C1-type (immunoglobulin-like) domain.

### 細胞内局在

Membrane.

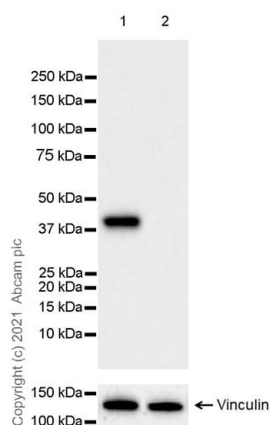
## 画像



Immunohistochemical analysis of paraffin-embedded Human placenta tissue labelling HLA G with ab283260 at 1/20000 (0.026 µg/mL) dilution followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used. Positive staining on extravillous trophoblasts (EVTs) in human placenta (PMID:18538632, PMID:29249463, PMID:29249436). The section was incubated with ab283260 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Western blot - Anti-HLA G antibody [EPR23298-97] (ab283260)

**All lanes :** Anti-HLA G antibody [EPR23298-97] (ab283260) at 1/1000 dilution

**Lane 1 :** JEG-3 (human placenta choriocarcinoma epithelial cell) whole cell lysate

**Lane 2 :** HuT-78 (human sezary syndrome cutaneous T lymphocyte) whole cell lysate

Lysates/proteins at 20 µg per lane.

## Secondary

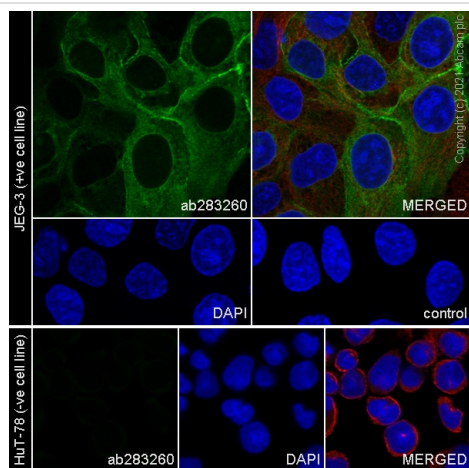
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Predicted band size:** 38 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Negative control: HuT-78 (PMID:2249951).

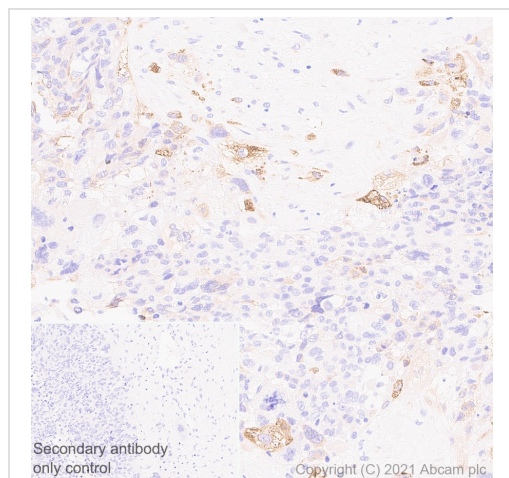
Exposure time: 48 seconds.



Immunocytochemistry/ Immunofluorescence - Anti-HLA G antibody [EPR23298-97] (ab283260)

Immunofluorescent analysis of 100% methanol-fixed, 0.1% TritonX-100 permeabilized JEG-3 cells labelling HLA G with ab283260 at 1/100 (5.18 µg/mL) dilution, followed by [ab150081](#) Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed antibody at 1/1000 (2 µg/mL) dilution (Green). Confocal image showing cytoplasmic and membranous staining in JEG-3 cell line. Negative control: HuT-78 (PMID: 2249951). [ab195889](#) Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 (2.5 µg/mL) dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is [ab150081](#) Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) preadsorbed at 1/1000 (2 µg/mL) dilution.

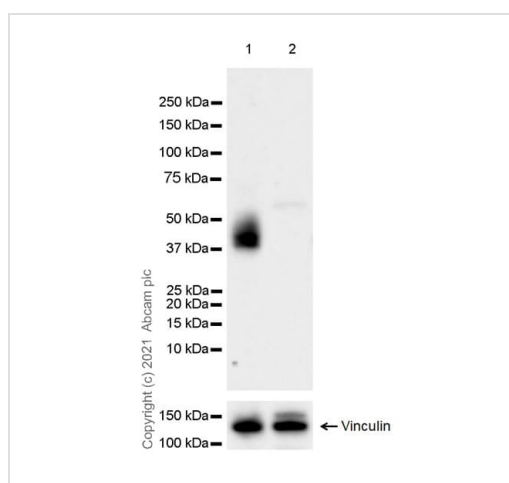


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HLA G antibody [EPR23298-97] (ab283260)

Immunohistochemical analysis of paraffin-embedded Human breast carcinoma tissue labelling HLA G with ab283260 at 1/20000 (0.026 µg/mL) dilution followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used. Positive staining on human breast carcinoma. The section was incubated with ab283260 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.



Western blot - Anti-HLA G antibody [EPR23298-97] (ab283260)

**All lanes :** Anti-HLA G antibody [EPR23298-97] (ab283260) at 1/1000 dilution

**Lane 1 :** Human placenta tissue lysate

**Lane 2 :** Human heart tissue lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

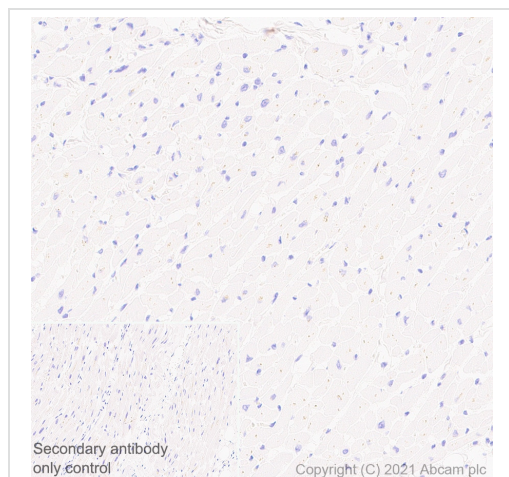
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Predicted band size:** 38 kDa

Blocking and diluting buffer and concentration: 5% NFDM/TBST.

Negative control: heart (PMID:22438923).

Exposure time: 26 seconds.







Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HLA G antibody [EPR23298-97] (ab283260)

Immunohistochemical analysis of paraffin-embedded Human cardiac muscle tissue labelling HLA G with ab283260 at 1/20000 (0.026 µg/mL) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used. Negative control: no staining on human cardiac muscle (PMID:22438923). The section was incubated with ab283260 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection) was used.

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution2) for 20 mins.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-HLA G antibody [EPR23298-97] (ab283260)

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

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