

### Anti-HLA G antibody [MEM-G/1] ab7759

★★★★★ **3 Abreviews** **25 References** **4 图像**

#### 概述

产品名称	Anti-HLA G抗体[MEM-G/1]
描述	小鼠单克隆抗体[MEM-G/1] to HLA G
宿主	Mouse
特异性	The antibody reacts with denaturated HLA-G heavy chain.
经测试应用	<b>适用于:</b> IHC-P, WB
种属反应性	<b>与反应:</b> Human
免疫原	Recombinant full length denatured heavy chain (Human).
阳性对照	IHC-P: First trimester placenta and pulmonary diseases. WB: <b>ab29745</b> ; HeLa and JEG-3 cell lysates.
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 24th January 2018. 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>

#### 性能

形式	Liquid
存放说明	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.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
纯度	Protein A purified
纯化说明	Purified from TCS. Purity >95% by SDS-PAGE.

克隆	单克隆
克隆编号	MEM-G/1
同种型	IgG1

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab7759于以下的经测试应用

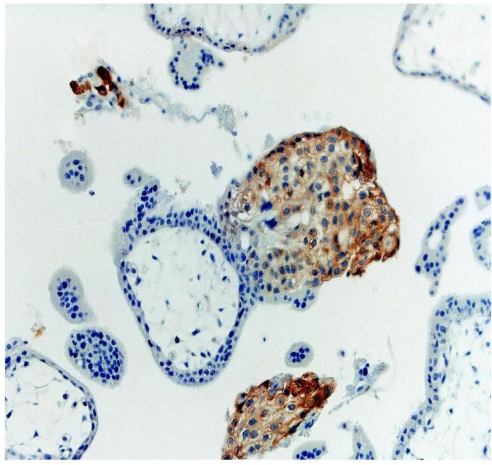
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (1)	1/60 - 1/100. Perform heat mediated antigen retrieval via the microwave method before commencing with IHC staining protocol.
WB	★★★★★ (1)	Use a concentration of 1 - 10 µg/ml. Predicted molecular weight: 38.2 kDa.

靶标

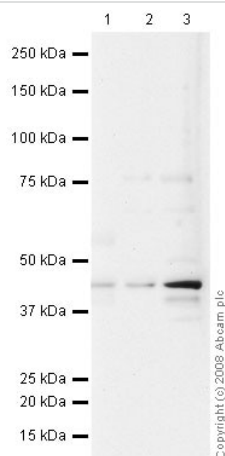
功能	Involved in the presentation of foreign antigens to the immune system. Plays a role in maternal tolerance of the fetus by mediating protection from the deleterious effects of natural killer cells, cytotoxic T lymphocytes, macrophages and mononuclear cells.
组织特异性	Expressed in trophoblasts.
序列相似性	Belongs to the MHC class I family. Contains 1 Ig-like C1-type (immunoglobulin-like) domain.
细胞定位	Membrane.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HLA G antibody [MEM-G/1] (ab7759)

Immunohistochemistry staining with ab7759 of first trimester placenta (paraffin-embedded sections).



Western blot - Anti-HLA G antibody [MEM-G/1] (ab7759)

**All lanes :** Anti-HLA G antibody [MEM-G/1] (ab7759) at 10 µg/ml

**Lane 1 :** Human placenta tissue lysate - total protein ([ab29745](#))

**Lane 2 :** HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

**Lane 3 :** JEG-3 (Human placental choriocarcinoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

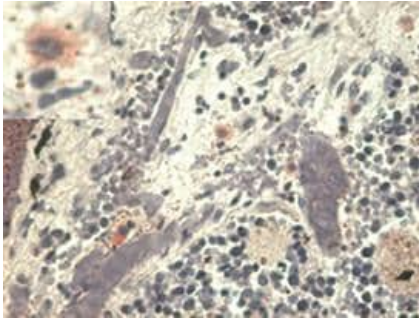
### Secondary

**All lanes :** Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at 1/3000 dilution

**Predicted band size:** 38.2 kDa

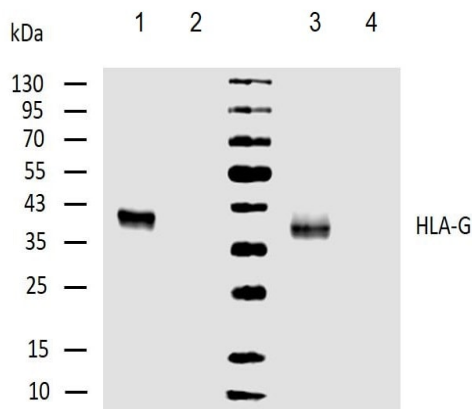
**Observed band size:** 42 kDa

**Additional bands at:** 38 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HLA G antibody [MEM-G/1] (ab7759)

The antibody ab7759 stains infiltrating macrophages in pulmonary diseases. In the top left corner see detail of macrophage.



Western blot - Anti-HLA G antibody [MEM-G/1] (ab7759)

**All lanes :** Anti-HLA G antibody [MEM-G/1] (ab7759) at 2 µg/ml

**Lane 1 :** JEG-3 cell line under reducing conditions.

**Lane 2 :** LNCap cell line under reducing conditions.

**Lane 3 :** JEG-3 cell line under non-reducing conditions.

**Lane 4 :** LNCap cell line under non-reducing conditions.

#### Secondary

**All lanes :** IRDye800-conjugated anti-mouse secondary antibody

**Predicted band size:** 38.2 kDa

**Observed band size:** 40 kDa

Western blotting analysis of human HLA-G using ab7759 on lysates of JEG-3 cell line and LNCaP cell line (negative control) under reducing and non-reducing conditions.

Nitrocellulose membrane was probed with 2 µg/ml of ab7759 followed by IRDye800-conjugated anti-mouse secondary antibody.

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