

Anti-HLA-C antibody [EPR26121-73] - BSA and Azide free ab307362

重组 RabMAb

9 图像

概述

产品名称	Anti-HLA-C抗体[EPR26121-73] - BSA and Azide free
描述	兔单克隆抗体[EPR26121-73] to HLA-C - BSA and Azide free
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, IP 不适用于: Flow Cyt or ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Jurkat transfected with scrambled siRNA control, Jurkat transfected with siRNA specifically targeting HLA-C whole cell lysate, A375, HeLa, Human lymphoma, HL-60, Human colon, and HEK-293T IHC-P: Human tonsil, Human NKT lymphoma and Human colon tissues. IP: Jurkat cell.
常规说明	<p>ab307362 is the carrier-free version of ab307361</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit</p>

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	pH: 7.20 Constituent: 100% PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR26121-73
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab307362于以下的经测试应用

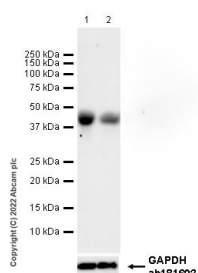
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 41 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		Use at an assay dependent concentration.

应用说明 Is unsuitable for Flow Cyt or ICC/IF.

靶标

图片



Western blot - Anti-HLA-C antibody [EPR26121-73] - BSA and Azide free (ab307362)

All lanes : Anti-HLA-C antibody [EPR26121-73] ([ab307361](#)) at 1/1000 dilution

Lane 1 : Jurkat (human T cell leukemia T lymphocyte) transfected with scrambled siRNA control whole cell lysate 20 µg

Lane 2 : Jurkat transfected with siRNA specifically targeting HLA-C whole cell lysate 20 µg

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/100000 dilution

Predicted band size: 41 kDa

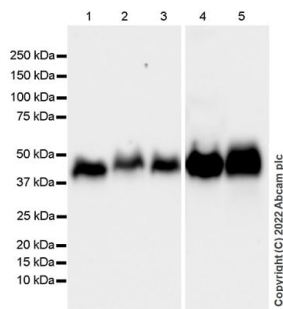
Observed band size: 41 kDa

Exposure time: 26 seconds

This data was developed using [ab307361](#), the same antibody clone in a different buffer formulation.

Blocking and diluting buffer and concentration: 5% NFDm/TBST

Exposure time: 26 seconds



Western blot - Anti-HLA-C antibody [EPR26121-73] - BSA and Azide free (ab307362)

All lanes : Anti-HLA-C antibody [EPR26121-73] ([ab307361](#)) at 1/1000 dilution

Lane 1 : Jurkat (human T cell leukemia T lymphocyte) whole cell lysate 80 µg

Lane 2 : A375 (human malignant melanoma epithelial cell) whole cell lysate 80 µg

Lane 3 : HeLa (human cervical adenocarcinoma epithelial cell) whole cell lysate 80 µg

Lane 4 : Human lymphoma tissue lysate 80 µg

Lane 5 : HL-60 (human acute promyelocytic leukemia promyeloblast) whole cell lysate 80 µg

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/100000 dilution

Predicted band size: 41 kDa

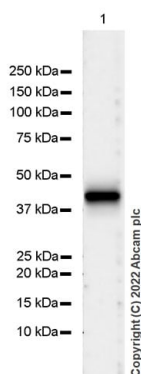
Observed band size: 41 kDa

Exposure time: 15 seconds

This data was developed using [ab307361](#), the same antibody clone in a different buffer formulation.

Blocking and diluting buffer and concentration: 5% NFDm/TBST

Exposure time: 15 seconds



Western blot - Anti-HLA-C antibody [EPR26121-73] - BSA and Azide free (ab307362)

Anti-HLA-C antibody [EPR26121-73] ([ab307361](#)) at 1/1000 dilution + Human colon tissue lysate 40 µg

Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa

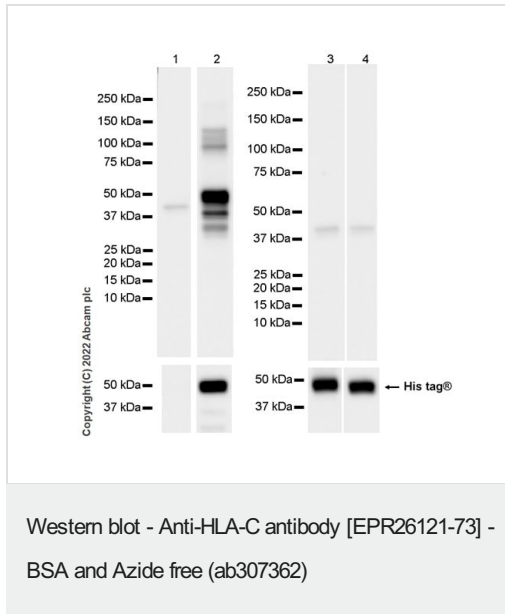
Exposure time: 7 seconds

This data was developed using [ab307361](#), the same antibody

clone in a different buffer formulation.

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

Exposure time: 7.25 seconds



All lanes : Anti-HLA-C antibody [EPR26121-73] ([ab307361](#)) at 1/1000 dilution

Lane 1 : HEK-293T cells transfected with an empty vector containing a his tag whole cell lysate 20 µg

Lane 2 : HEK-293T cells transfected with a human HLA-C expression vector containing a his tag whole cell lysate 20 µg

Lane 3 : HEK-293T cells transfected with a human HLA-A expression vector containing a his tag whole cell lysate 20 µg

Lane 4 : HEK-293T cells transfected with a human HLA-B expression vector containing a his tag whole cell lysate 20 µg

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated ([ab97051](#)) at 1/100000 dilution

Predicted band size: 41 kDa

Observed band size: 41 kDa

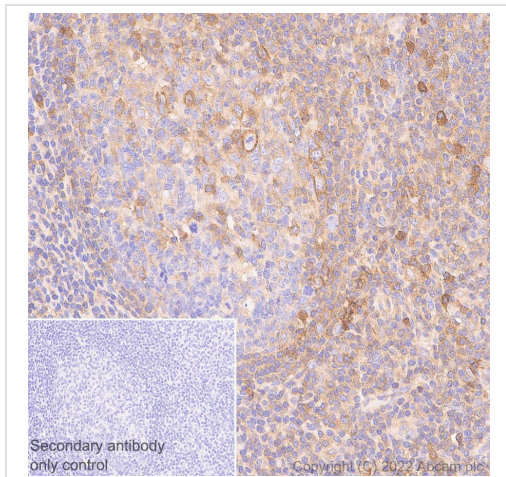
Exposure time: 3 seconds

This data was developed using [ab307361](#), the same antibody clone in a different buffer formulation.

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

This antibody does not cross-react with human HLA-A and HLA-B.

Exposure time: 3 seconds



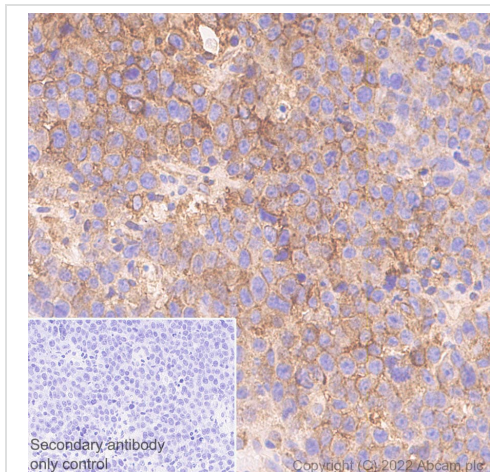
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HLA-C antibody [EPR26121-73] - BSA and Azide free (ab307362)

This data was developed using [ab307361](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling HLA-C with [ab307361](#) at 1/4000 (0.126 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on human tonsil (PMID: 17008885). The section was incubated with [ab307361](#) 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).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 10 mins



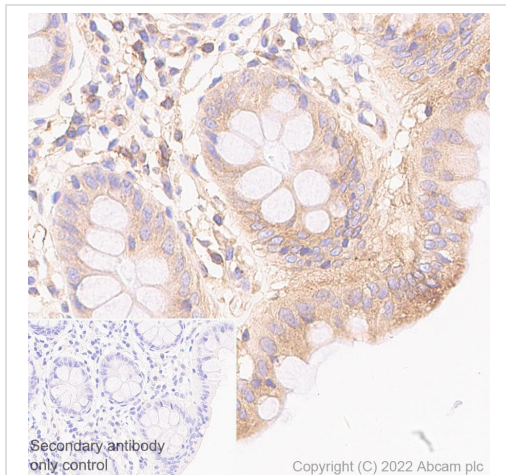
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HLA-C antibody [EPR26121-73] - BSA and Azide free (ab307362)

This data was developed using [ab307361](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human NKT lymphoma tissue labeling HLA-C with [ab307361](#) at 1/4000 (0.126 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on NKT lymphoma. The section was incubated with [ab307361](#) 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).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 10 mins



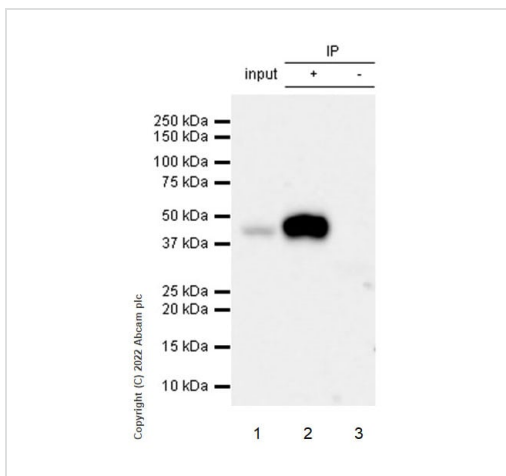
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HLA-C antibody
[EPR26121-73] - BSA and Azide free (ab307362)

This data was developed using [ab307361](#), the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling HLA-C with [ab307361](#) at 1/4000 (0.126 ug/ml) followed by a ready to use LeicaDS9800 (Bond™ Polymer Refine Detection). Positive staining on human colon (PMID: 17008885). The section was incubated with [ab307361](#) 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).

Heat mediated antigen retrieval was performed with Citrate buffer (pH 6.0, Epitope Retrieval Solution 1) for 10 mins



Immunoprecipitation - Anti-HLA-C antibody
[EPR26121-73] - BSA and Azide free (ab307362)

This data was developed using [ab307361](#), the same antibody clone in a different buffer formulation.

HLA-C was immunoprecipitated from 0.35 mg Jurkat (human T cell leukemia T lymphocyte) whole cell lysate 5 ug with [ab307361](#) at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using [ab307361](#) at 1/1000 dilution. VeriBlot for IP secondary antibody(HRP)([ab131366](#)) was used at 1/5000 dilution.

Lane 1: Jurkat (human T cell leukemia T lymphocyte) whole cell lysate 5 ug

Lane 2: ab307361 IP in Jurkat whole cell lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of [ab307361](#) in Jurkat whole cell lysate

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

Exposure time: 10 seconds

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-HLA-C antibody [EPR26121-73] - BSA and Azide free (ab307362)

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

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