

# Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] - BSA and Azide free ab256139

重组

## 7 图像

### 概述

产品名称	Anti-Cytokeratin 5 + 6 + 18抗体[LP34] - BSA and Azide free
描述	小鼠单克隆抗体[LP34] to Cytokeratin 5 + 6 + 18 - BSA and Azide free
宿主	Mouse
经测试应用	适用于: IHC-P, WB 不适用于: ICC/IF
种属反应性	与反应: Human
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-P: Human skin and tonsil tissue. Human pancreatic carcinoma and bladder carcinoma tissue. WB: Human skin lysate. HeLa, MCF7 and HepG2 whole cell lysate.
常规说明	<p>ab256139 is the carrier-free version of <a href="#">ab40</a>.</p> <p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a>.</p> <p>Our <b>carrier-free</b> 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 <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;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<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> 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"> <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>

For more information [see here](#).

## 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	LP34
同种型	IgG1

## 应用

**The Abpromise guarantee** **Abpromise™** 承诺保证使用ab256139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。

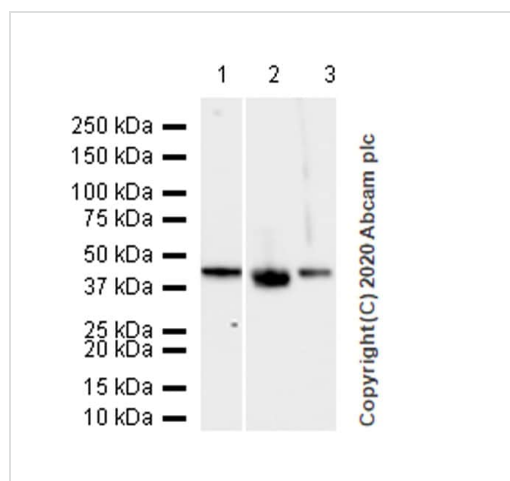
应用	Ab评论	说明
IHC-P		Use a concentration of 0.085 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		Use a concentration of 0.424 µg/ml.

**应用说明** Is unsuitable for ICC/IF.

## 靶标

相关性	Keratins 5, 6 are members of type II keratins family that are specifically expressed in the inner root sheath of hair follicles. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. Keratin 18 is member of the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family.
细胞定位	Cytoplasmic

## 图片



Western blot - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] - BSA and Azide free (ab256139)

**Lane 1 :** **ab40** at 0.424 µg/ml

**Lanes 2-3 :** Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] (**ab40**) at 0.424 µg/ml

**Lane 1 :** HeLa (human cervix adenocarcinoma epithelial cell), whole cell lysate

**Lane 2 :** MCF7 (human breast adenocarcinoma epithelial cell), whole cell lysate

**Lane 3 :** HepG2 (human hepatocellular carcinoma epithelial cell), whole cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

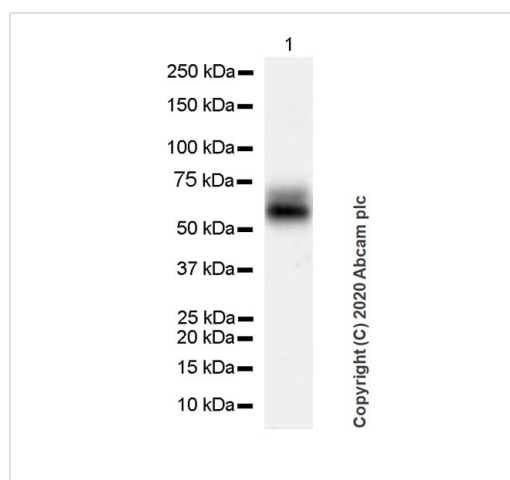
**All lanes :** Peroxidase-Conjugated Goat anti-Mouse IgG (H+L) at 1/10000 dilution

**Observed band size:** 45 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.

Exposure times: Lane 1: 15 secs; Lane 2-3: 3 secs.

This image was produced using the same antibody clone but in a different formulation **ab40**, PBS, sodium azide, glycerol and BSA.



Western blot - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] - BSA and Azide free (ab256139)

Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] (**ab40**) at 1/1000 dilution + Human skin lysate at 20 µg

### Secondary

Anti-mouse IgG for IP (HRP) (**ab131368**) at 1/1000 dilution

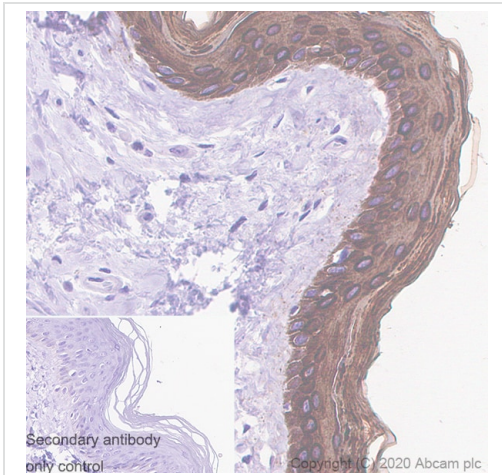
**Observed band size:** 58 kDa

**Exposure time:** 114 seconds

Blocking/Dilution buffer: 5% NFDm/TBST.

This image was produced using the same antibody clone but in a

different formulation **ab40**, PBS, sodium azide, glycerol and BSA.

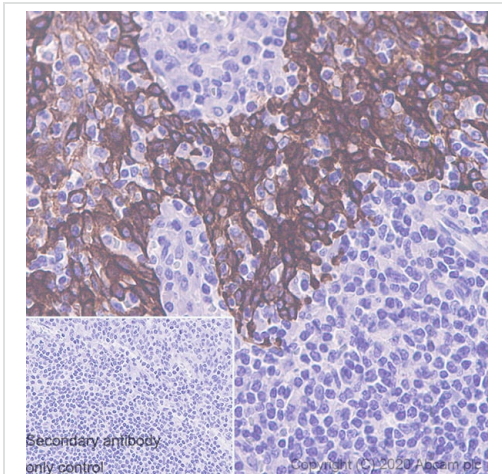


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] - BSA and Azide free (ab256139)

Immunohistochemical analysis of paraffin-embedded human skin labeling Cytokeratin 5 + 6 + 18 with **ab40** at 0.085µg/ml, followed by a ready to use secondary. Positive staining on human skin is observed. The section was incubated with **ab40** for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND<sup>®</sup> RX instrument. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by a ready to use secondary. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

This image was produced using the same antibody clone but in a different formulation **ab40**, PBS, sodium azide, glycerol and BSA.

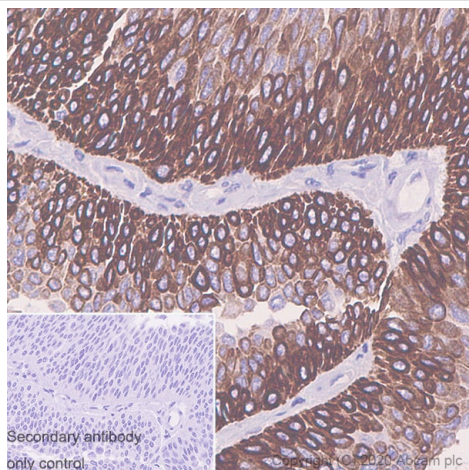


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] - BSA and Azide free (ab256139)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling Cytokeratin 5 + 6 + 18 with **ab40** at 0.085µg/ml, followed by a ready to use secondary. Positive staining on the epithelial cells of human tonsil tissue is observed. The section was incubated with **ab40** for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND<sup>®</sup> RX instrument. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by a ready to use secondary. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

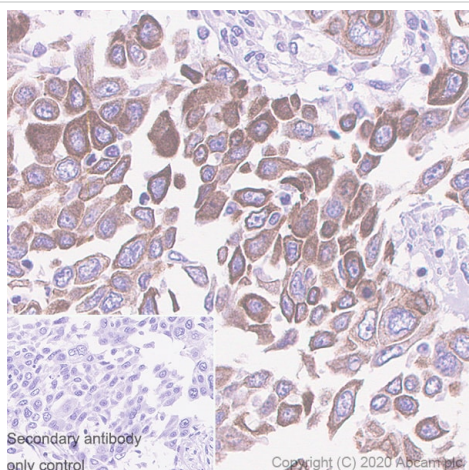
This image was produced using the same antibody clone but in a different formulation **ab40**, PBS, sodium azide, glycerol and BSA.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] - BSA and Azide free (ab256139)

Immunohistochemical analysis of paraffin-embedded human bladder carcinoma tissue labeling Cytokeratin 5 + 6 + 18 with **ab40** at 0.085µg/ml, followed by a ready to use secondary. Positive staining on human bladder carcinoma tissue is observed. The section was incubated with **ab40** for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, followed by a ready to use secondary. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

This image was produced using the same antibody clone but in a different formulation **ab40**, PBS, sodium azide, glycerol and BSA.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] - BSA and Azide free (ab256139)

Immunohistochemical analysis of paraffin-embedded human pancreatic carcinoma tissue labeling Cytokeratin 5 + 6 + 18 with **ab40** at 0.085µg/ml, followed by a ready to use secondary. Positive staining on human pancreatic carcinoma tissue is observed. The section was incubated with **ab40** for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, followed by a ready to use secondary. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

This image was produced using the same antibody clone but in a different formulation **ab40**, PBS, sodium azide, glycerol and BSA.

### 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-Cytokeratin 5 + 6 + 18 antibody [LP34] - BSA  
and Azide free (ab256139)

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

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