

Anti-Cytokeratin 7+17 antibody [C-46] ab670

★★★★★ [2 Abreviews](#) [3 References](#) [3 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-Cytokeratin 7+17抗体[C-46] |
| 描述 | 小鼠单克隆抗体[C-46] to Cytokeratin 7+17 |
| 宿主 | Mouse |
| 特异性 | Cytokeratin peptides 7 (54 kDa) and 17 (46 kDa) |
| 经测试应用 | 适用于: WB, IHC-P |
| 种属反应性 | 与反应: Human 不与反应: Mouse, Rat, Rabbit |
| 免疫原 | Tissue, cells or virus corresponding to Human Cytokeratin 7+17. Cytoskeleton preparation of HeLa cells (cervix carcinoma) |
| 阳性对照 | IHC-P: Human Pancreas tissue WB: HeLa |
| 常规说明 | <p>Strongly positive on most simple epithelia except for stomach, small intestine and colon mucosa, hepatocytes, pancreatic acini, renal tubules, also positive on some non-cornifying epithelia.</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&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 | pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS |
| 纯度 | Protein A purified |
| 纯化说明 | Purified from culture supernatant. Purity >95% by SDS-PAGE. |
| 克隆 | 单克隆 |

| | |
|------|------|
| 克隆编号 | C-46 |
| 同种型 | IgG1 |

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab670于以下的经测试应用

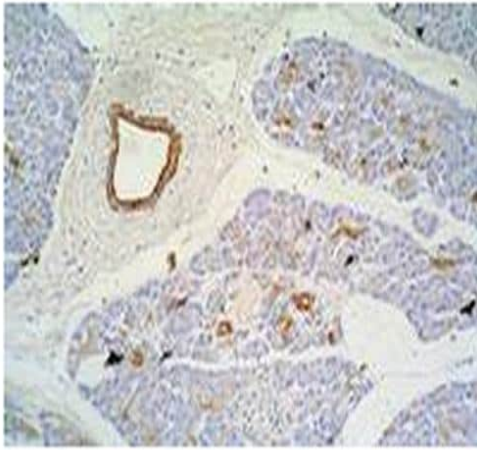
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|-------|------|--|
| WB | | Use a concentration of 1 - 2 µg/ml. Sample preparation: Lysis 1% lauryl maltoside for 1 hour, 5x10 sec. sonication, 5 min. in hot Laemmli buffer (reducing conditions) |
| IHC-P | | Use a concentration of 10 µg/ml. Perform enzymatic antigen retrieval before commencing with IHC staining protocol. pretreatment: 0,1% pepsin, 30 min, 37°C, incubation 4°C overnight, chromogen DAB |

靶标

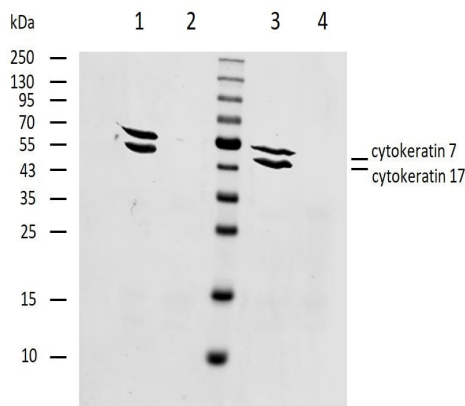
| | |
|------|--|
| 相关性 | Cytokeratin 7 and 17 is a heterotetramer of a type I and type II keratins. Interacts with eukaryotic translation initiator factor 3 (eIF3) subunit EIF3S10 and with HPV16 E7. Cytokeratin 7 blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7). Cytokeratin 17 is required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state. Modulates the function of TNF-alpha in the specific context of hair cycling. |
| 细胞定位 | Cytoplasmic |

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7+17 antibody [C-46] (ab670)

Ab670 (20ug/ml) staining human Cytokeratin 7+17 in human pancreas by immunohistochemistry using formalin fixed, paraffin embedded tissue.



Western blot - Anti-Cytokeratin 7+17 antibody [C-46] (ab670)

All lanes : Anti-Cytokeratin 7+17 antibody [C-46] (ab670) at 2 µg/ml

Lane 1 : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate (Non-Reducing)

Lane 2 : Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate (Non-Reducing)

Lane 3 : HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate (Reducing)

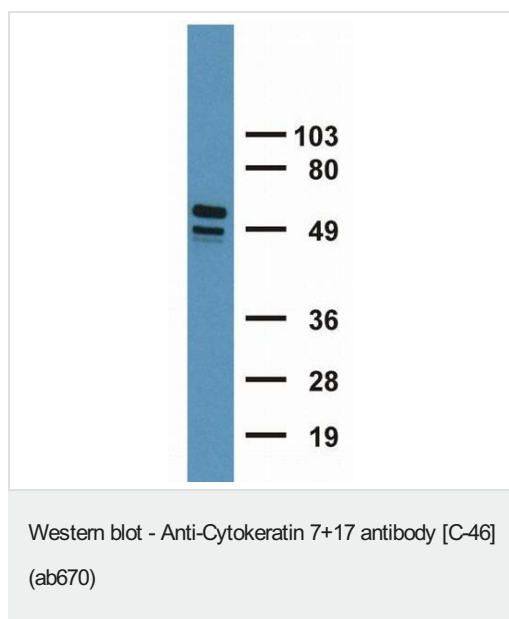
Lane 4 : Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate (Reducing)

Secondary

All lanes : IRDye800-conjugated anti-mouse IgG1 secondary antibody

Observed band size: 46,54 kDa

A specific band was detected for cytokeratin 17 at approximately 46 kDa and for cytokeratin 7 at approximately 54 kDa.



Anti-Cytokeratin 7+17 antibody [C-46] (ab670) at 1 µg/ml + HeLa cell lysate

Observed band size: 49,51 kDa

Sample preparation: Lysis 1% lauryl maltoside for 1 hour, 5x10 sec. sonication; 5 min. in hot Laemmli buffer (reducing conditions.)

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

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