

Anti-Caspase-5 antibody [EP876Y] ab40887

リコンビナント RabMAb[®]

6 References [画像数 5](#)

製品の概要

製品名	Anti-Caspase-5 antibody [EP876Y]
製品の詳細	Rabbit monoclonal [EP876Y] to Caspase-5
由来種	Rabbit
特異性	Based on amino acids homology, this antibody will not recognize either p20 or p10 subunits of Caspase-5.
アプリケーション	適用あり: IHC-P, IP, WB 適用なし: Flow Cyt or ICC/IF
種交差性	交差種: Human
免疫原	Synthetic peptide within Human Caspase-5 aa 1-100 (N terminal). The exact sequence is proprietary.
ポジティブ・コントロール	IHC-P: Human breast carcinoma. WB: HT-1080 and HeLa cell lysates. IP: HeLa cell lysate
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 EP876Y
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ab40887の使用に適用されず**
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検討ください。

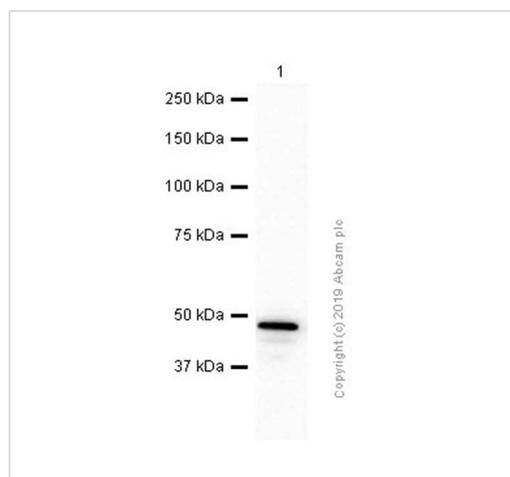
アプリケーション	Abreviews	特記事項
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		1/50.
WB		1/1000 - 1/10000. Detects a band of approximately 47 kDa (predicted molecular weight: 47 kDa).

追加情報 Is unsuitable for Flow Cyt or ICC/IF.

ターゲット情報

機能 Mediator of programmed cell death (apoptosis).
組織特異性 Expressed in barely detectable amounts in most tissues except brain, highest levels being found in lung, liver and skeletal muscle.
配列類似性 Belongs to the peptidase C14A family.
Contains 1 CARD domain.
翻訳後修飾 The two subunits are derived from the precursor sequence by an autocatalytic mechanism.

画像



Western blot - Anti-Caspase-5 antibody [EP876Y] (ab40887)

Anti-Caspase-5 antibody [EP876Y] (ab40887) at 1/1000 dilution + HT-1080 (Human fibrosarcoma epithelial cell) prepared in 1%SDS Hot lysis method whole cell lysates at 15 µg

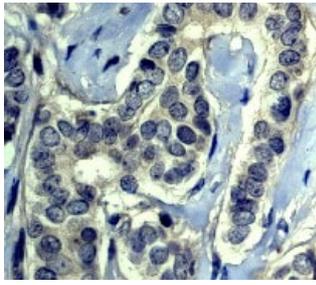
Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 47 kDa

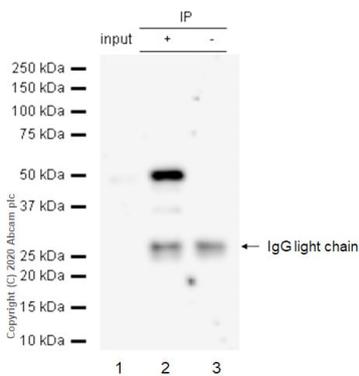
Observed band size: 47 kDa

Blocking/Diluting Buffer and concentration:
5% NFD/MBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Caspase-5 antibody [EP876Y] (ab40887)

Staining of Caspase 5 on paraffin-embedded human breast carcinoma sections, using **ab40557** at a 1/50 dilution. Heat mediated antigen retrieval was performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunoprecipitation - Anti-Caspase-5 antibody [EP876Y] (ab40887)

Purified ab40887 at 1/50 dilution (2µg) immunoprecipitating Caspase-5 in HeLa treated with heat shock (42? 1h) then recovery for 6h whole cell lysate.

Lane 1 (input): HeLa (Human cervix adenocarcinoma epithelial cell) treated with heat shock (42? 1h) then recovery for 6h whole cell lysate 10µg

Lane 2 (+): ab40887 + HeLa treated with heat shock (42? 1h) then recovery for 6h whole cell lysate.

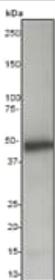
Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab40887 in HeLa treated with heat shock (42? 1h) then recovery for 6h whole cell lysate.

VeriBlot for IP Detection Reagent (HRP) (**ab131366**) (1/1000 dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDm/TBST.

Diluting buffer and concentration: 5% NFDm/TBST.

Observed band size: 47 kDa



Western blot - Anti-Caspase-5 antibody [EP876Y] (ab40887)

Anti-Caspase-5 antibody [EP876Y] (ab40887) at 1/10000 dilution + HeLa cell lysate at 10 µg

Predicted band size: 47 kDa

Observed band size: 47 kDa

The cell lysates were prepared in 1%SDS Hot lysis method.

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-Caspase-5 antibody [EP876Y] (ab40887)

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