


### Anti-STAT5 (phospho Y694) antibody [E208] ab32364

リコンビナント **RabMAb**

★★★★★ **11 Abreviews** **59 References** 画像数 6

#### 製品の概要

製品名	Anti-STAT5 (phospho Y694) antibody [E208]
製品の詳細	Rabbit monoclonal [E208] to STAT5 (phospho Y694)
由来種	Rabbit
特異性	This reagent is not recommended for mouse IHC-P
アプリケーション	<b>適用あり:</b> WB, IHC-P, ELISA <b>適用なし:</b> ICC/IF or IP
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: A431 cell lysate treated with epidermal growth factor. IHC-P: Human breast carcinoma tissue.
特記事項	<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> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide

	Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	E208
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ab32364の使用に適用されます  
 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。

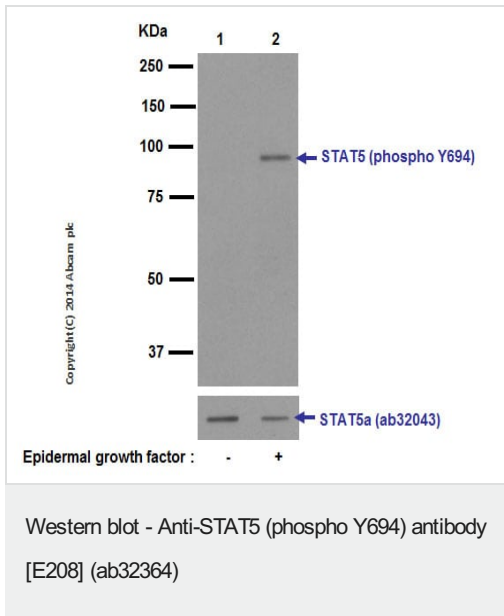
アプリケーション	Abreviews	特記事項
WB	★★★★★ (4)	1/1000. Detects a band of approximately 90 kDa (predicted molecular weight: 90 kDa).
IHC-P	★★★★★ (5)	1/50. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. Unsuitable for mouse.
ELISA		Use at an assay dependent concentration.

**追加情報**      Is unsuitable for ICC/IF or IP.

ターゲット情報

機能	Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.
配列類似性	Belongs to the transcription factor STAT family. Contains 1 SH2 domain.
翻訳後修飾	Tyrosine phosphorylated in response to IL-2, IL-3, IL-7, IL-15, GM-CSF, growth hormone, prolactin, erythropoietin and thrombopoietin. Tyrosine phosphorylation is required for DNA-binding activity and dimerization. Serine phosphorylation is also required for maximal transcriptional activity.
細胞内局在	Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation.

画像



**All lanes :** Anti-STAT5 (phospho Y694) antibody [E208] (ab32364) at 1/1000 dilution (purified)

**Lane 1 :** A431 cell lysate, untreated

**Lane 2 :** A431 cell lysate, treated with Epidermal growth factor

Lysates/proteins at 10 µg per lane.

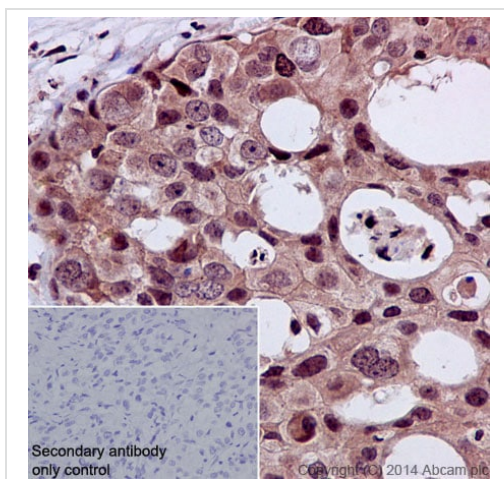
### Secondary

**All lanes :** Peroxidase conjugated goat anti-rabbit IgG (H+L) at 1/1000 dilution

**Predicted band size:** 90 kDa

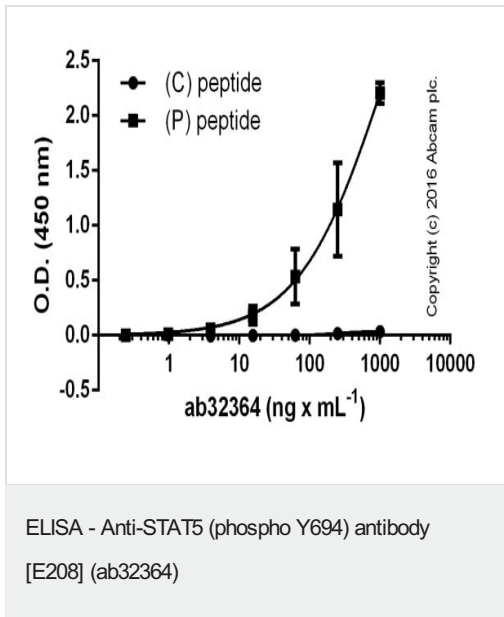
**Observed band size:** 90 kDa

Blocking and dilution buffer: 5% NFDM/TBST.

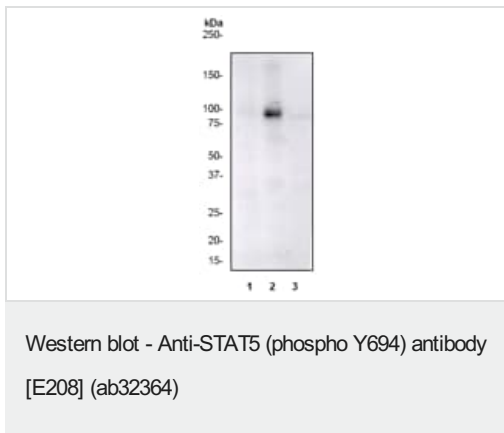


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human infiltrating duct carcinoma of breast tissue labelling STAT5 (phospho Y694) with purified ab32364 at 1/50. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9. **ab97051**, a HRP-conjugated goat anti-rabbit IgG (H+L) was used as the secondary antibody (1/500). Negative control using PBS instead of primary antibody. Counterstained with hematoxylin.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT5 (phospho Y694) antibody [E208] (ab32364)



Serially diluted ab32364 was bound to immobilised phospho peptide (P) - or control peptides ((C), 1 microgram x mL<sup>-1</sup>). The antibody was detected by HRP-labelled goat anti-rabbit IgG ([ab97080](#); diluted 1: 50,000) and signal was developed with TMB substrate



**All lanes :** Anti-STAT5 (phospho Y694) antibody [E208] (ab32364) at 1/1000 dilution (unpurified)

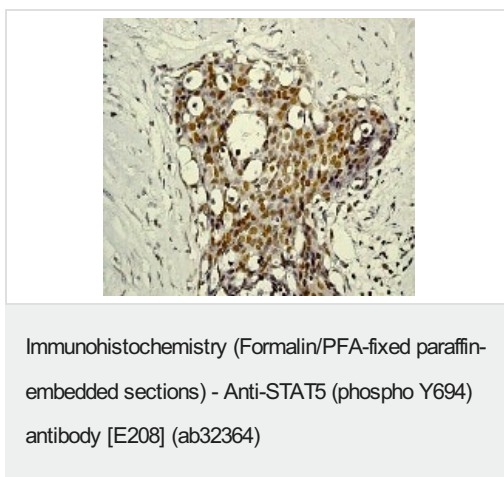
**Lane 1 :** A431 cell lysate, untreated

**Lane 2 :** A431 cell lysate, treated with EGF

**Lane 3 :** A431 cell lysate, treated with phosphatase

**Predicted band size:** 90 kDa

**Observed band size:** 90 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma using unpurified ab32364 at a 1/50 dilution.

### 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-STAT5 (phospho Y694) antibody [E208]  
(ab32364)

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

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