abcam

Product datasheet

Anti-STAT5 (phospho Y694) antibody [E208] - BSA and Azide free ab219607

リコンビナント RabMAb

画像数 4

製品の概要

製品名	Anti-STAT5 (phospho Y694) antibody [E208] - BSA and Azide free
製品の詳細	Rabbit monoclonal [E208] to STAT5 (phospho Y694) - BSA and Azide free
由来種	Rabbit
特異性	The antibody only detects Stat5 phosphorylated on Tyrosine 694.
アプリケーション	**適用あり:** WB, IHC-P, ELISA **適用なし:** ICC/IF or IP
種交差性	**交差種:** Human **交差が予測される動物種:** 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	ab219607 is the carrier-free version of **ab32364**. 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. 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. 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. 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. This product is a recombinant monoclonal antibody, which offers several advantages including: - 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**.

Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.20 Constituent: PBS
キャリア・フリー	はい
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ab219607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		Use at an assay dependent concentration. Detects a band of approximately 90 kDa (predicted molecular weight: 90 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ELISA		Use at an assay dependent concentration.

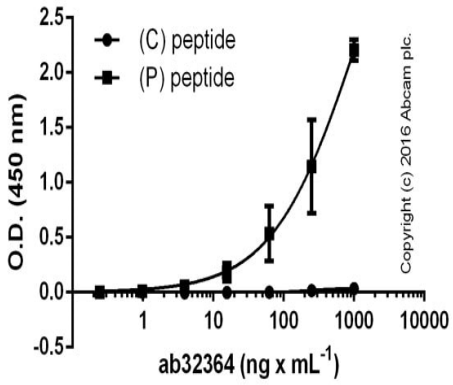
追加情報 Is unsuitable for ICC/IF or IP.

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.

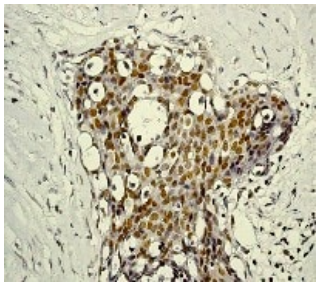
画像



ELISA - Anti-STAT5 (phospho Y694) antibody [E208] - BSA and Azide free (ab219607)

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

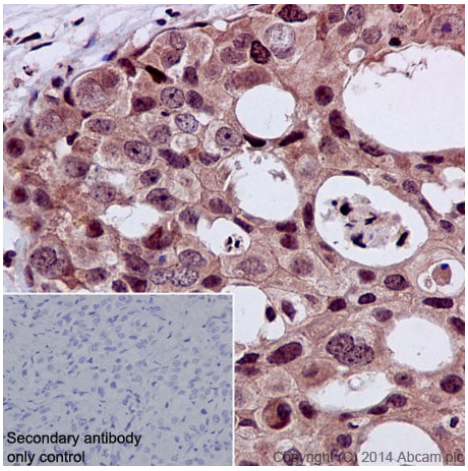
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab32364**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT5 (phospho Y694) antibody [E208] - BSA and Azide free (ab219607)

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

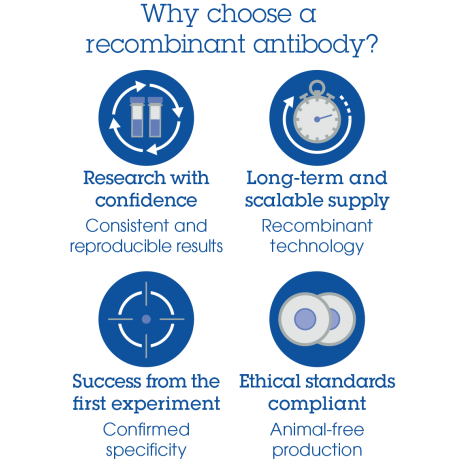
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab32364**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-STAT5 (phospho Y694) antibody [E208] - BSA and Azide free (ab219607)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab32364**).



Anti-STAT5 (phospho Y694) antibody [E208] - BSA and Azide free (ab219607)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.co.jp/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors