


Anti-STAT5α (phospho S726) antibody [EPR1914(2)] - BSA and Azide free ab248206

Recombinant RabMAb

4 Images

Overview

Product name	Anti-STAT5a (phospho S726) antibody [EPR1914(2)] - BSA and Azide free
Description	Rabbit monoclonal [EPR1914(2)] to STAT5a (phospho S726) - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Dot blot, WB Unsuitable for: FuncS, ICC/IF or IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab248206 is the carrier-free version of ab128896.</p> <p>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.</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 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.</p> <p>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.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR1914(2)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab248206 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

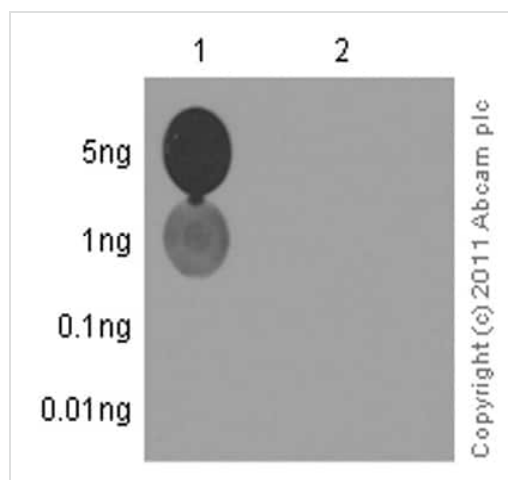
Application	Abreviews	Notes
Dot blot		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 90 kDa (predicted molecular weight: 90 kDa).

Application notes Is unsuitable for FuncS, ICC/IF or IHC-P.

Target

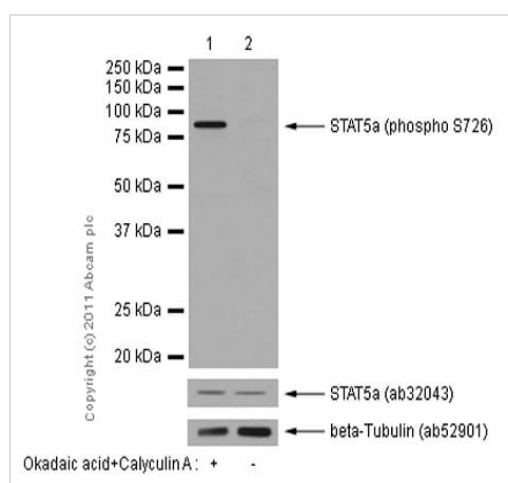
Function	Carries out a dual function: signal transduction and activation of transcription. Binds to the GAS element and activates PRL-induced transcription.
Sequence similarities	Belongs to the transcription factor STAT family. Contains 1 SH2 domain.
Post-translational modifications	Tyrosine phosphorylated 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.
Cellular localization	Cytoplasm. Nucleus. Translocated into the nucleus in response to phosphorylation.

Images



Dot Blot - Anti-STAT5a (phospho S726) antibody [EPR1914(2)] - BSA and Azide free (ab248206)

This data was developed using [ab128896](#), the same antibody clone in a different buffer formulation. Primary antibody dilution: 1/1000 Secondary antibody: goat anti-rabbit IgG, (H+L), peroxidase conjugated Secondary antibody dilution: 1/2500 Blocking & dilution buffer: 5% NFDM/TBST Lane 1 sample: STAT5a (pS726) phosphopeptide Lane 2 sample: STAT5a non-phospho peptide Exposure time: 10 seconds



Western blot - Anti-STAT5a (phospho S726) antibody [EPR1914(2)] - BSA and Azide free (ab248206)

All lanes : Anti-STAT5a (phospho S726) antibody [EPR1914(2)] ([ab128896](#)) at 1/5000 dilution

Lane 1 : SH-SY5Y (human neuroblastoma) treated with Okadaic acid and Calyculin A whole cell lysates

Lane 2 : Untreated SH-SY5Y (human neuroblastoma) whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

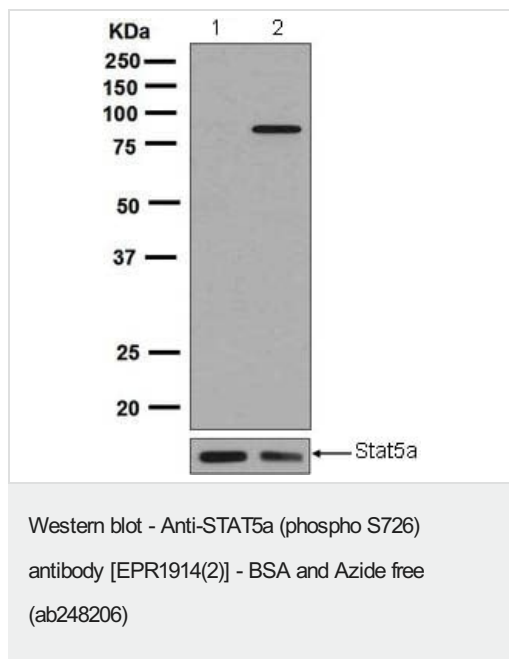
Predicted band size: 90 kDa

Observed band size: 90 kDa

Exposure time: 3 minutes

This data was developed using [ab128896](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST



All lanes : Anti-STAT5a (phospho S726) antibody [EPR1914(2)] ([ab128896](#)) at 1/1000 dilution

Lane 1 : SH-SY5Y cell lysates: untreated

Lane 2 : SH-SY5Y cell lysates: treated with Okadaic acid and Calyculin A

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 90 kDa

Observed band size: 90 kDa

This data was developed using [ab128896](#), the same antibody clone in a different buffer formulation.

Why choose a recombinant antibody?

<p>Research with confidence Consistent and reproducible results</p>	<p>Long-term and scalable supply Recombinant technology</p>
<p>Success from the first experiment Confirmed specificity</p>	<p>Ethical standards compliant Animal-free production</p>

Anti-STAT5a (phospho S726) antibody [EPR1914(2)]
- BSA and Azide free (ab248206)

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

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