

Product datasheet

Anti-SSPN antibody [EPR15515] - BSA and Azide free ab250890

Recombinant RabMAb

[3 Images](#)

Overview

Product name	Anti-SSPN antibody [EPR15515] - BSA and Azide free
Description	Rabbit monoclonal [EPR15515] to SSPN - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250890 is the carrier-free version of ab186730.</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	EPR15515
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250890 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

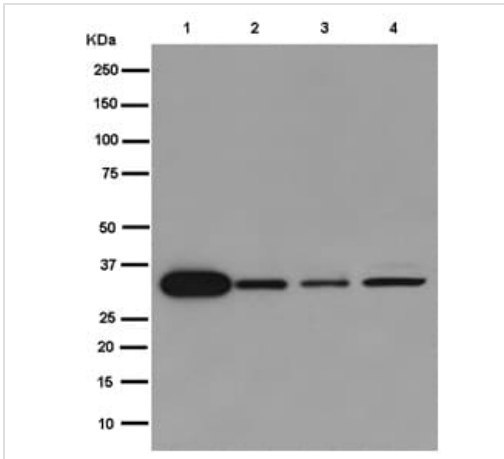
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 27 kDa (predicted molecular weight: 27 kDa).

Target

Relevance The SSPN gene is expressed in a variety of tissues with highest levels in muscle, where alternative splice variants have been observed. In certain tumors KRAS2, SSPN, and ITPR2 are co-amplified. The function of this gene is unknown.

Cellular localization Cell membrane, sarcolemma; Multi-pass membrane protein. Note: Also found in myotendinous junctions and in the postsynaptic membrane of neuromuscular junctions.

Images



Western blot - Anti-SSPN antibody [EPR15515] - BSA and Azide free (ab250890)

All lanes : Anti-SSPN antibody [EPR15515] ([ab186730](#)) at 1/10000 dilution

Lane 1 : Human fetal heart tissue lysate

Lane 2 : Human skeletal muscle tissue lysate

Lane 3 : A673 cell lysate

Lane 4 : 293 cell lysate

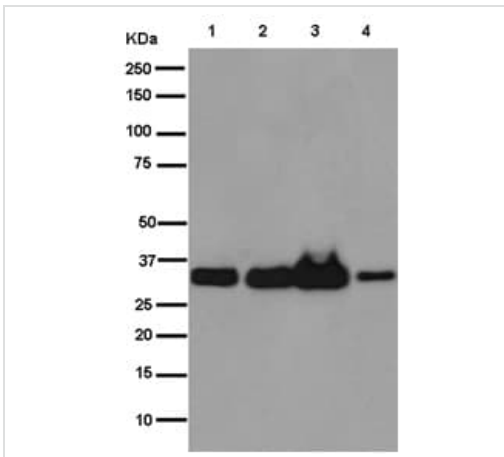
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 27 kDa

This data was developed using [ab186730](#), the same antibody clone in a different buffer formulation.



Western blot - Anti-SSPN antibody [EPR15515] - BSA and Azide free (ab250890)

All lanes : Anti-SSPN antibody [EPR15515] ([ab186730](#)) at 1/1000 dilution

Lane 1 : Mouse heart tissue lysate

Lane 2 : Rat brain tissue lysate

Lane 3 : Rat heart tissue lysate

Lane 4 : NIH 3T3 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution

Predicted band size: 27 kDa

This data was developed using [ab186730](#), the same antibody clone in a different buffer formulation.

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-SSPN antibody [EPR15515] - BSA and Azide free (ab250890)

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

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