

Product datasheet

Anti-SCP1 antibody [EPR7919(2)] ab184947

Recombinant RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Anti-SCP1 antibody [EPR7919(2)]
Description	Rabbit monoclonal [EPR7919(2)] to SCP1
Host species	Rabbit
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human testis tissue.
General notes	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR7919(2)
Isotype	IgG

Applications

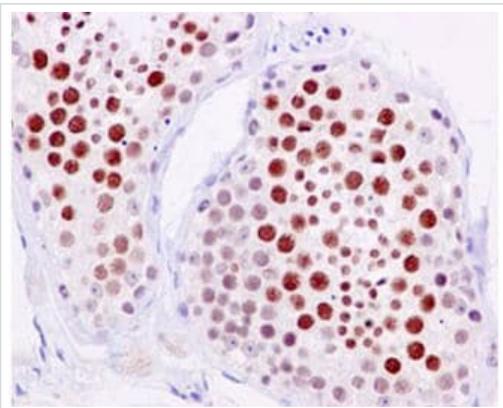
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab184947 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Function	Major component of the transverse filaments of synaptonemal complexes (SCS), formed between homologous chromosomes during meiotic prophase.
Tissue specificity	Testis.
Domain	Consists of an alpha-helical stretch of 700 AA residues, flanked by N- and C-terminal globular domains. The C-terminal domain has DNA-binding capacity.
Cellular localization	Nucleus. Chromosome. In tripartite segments of synaptonemal complexes, between lateral elements in the nucleus. Found only where the chromosome cores are synapsed. Its N-terminus is found towards the center of the synaptonemal complex while the C-terminus extends well into the lateral domain of the synaptonemal complex.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SCP1 antibody [EPR7919(2)] (ab184947)

Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling SCP1 with ab184947 at 1/500 dilution. The slide is counterstained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

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-SCP1 antibody [EPR7919(2)] (ab184947)

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

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