

## Product datasheet

# Anti-SPAM1 antibody [1A4] ab50694

### 3 References

#### Overview

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<b>Product name</b>	Anti-SPAM1 antibody [1A4]
<b>Description</b>	Mouse monoclonal [1A4] to SPAM1
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ICC, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Sheep <b>Does not react with:</b> Rabbit, Cow, Pig
<b>Immunogen</b>	Full length native protein (purified) corresponding to Sheep SPAM1.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1A4
<b>Isotype</b>	IgG1

#### Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab50694 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
ICC		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

## Target

<b>Function</b>	Involved in sperm-egg adhesion. Upon fertilization sperm must first penetrate a layer of cumulus cells that surrounds the egg before reaching the zona pellucida. The cumulus cells are embedded in a matrix containing hyaluronic acid which is formed prior to ovulation. This protein aids in penetrating the layer of cumulus cells by digesting hyaluronic acid.
<b>Tissue specificity</b>	Testis.
<b>Sequence similarities</b>	Belongs to the glycosyl hydrolase 56 family.
<b>Post-translational modifications</b>	N-glycosylated.
<b>Cellular localization</b>	Cell membrane.

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

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