

## Product datasheet

# Anti-ETS1 antibody [EPR21909] - BSA and Azide free ab238645

Recombinant RabMAb

[4 Images](#)

### Overview

<b>Product name</b>	Anti-ETS1 antibody [EPR21909] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR21909] to ETS1 - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide within Human ETS1 aa 50-200. The exact sequence is proprietary. Database link: <a href="#">P14921</a>
<b>Positive control</b>	IHC-P: Human tonsil tissue.
<b>General notes</b>	<p>Ab238645 is the carrier-free version of <a href="#">ab220361</a>. This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our <a href="#">carrier-free formats</a> are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</p> <p>Use our <a href="#">conjugation kits</a> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>ab238645 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm.</p> <p><i>Maxpar® is a trademark of Fluidigm Canada Inc.</i></p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a>.</p>

### Properties

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR21909
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab238645** 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. Predicted molecular weight: 50 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.

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## Target

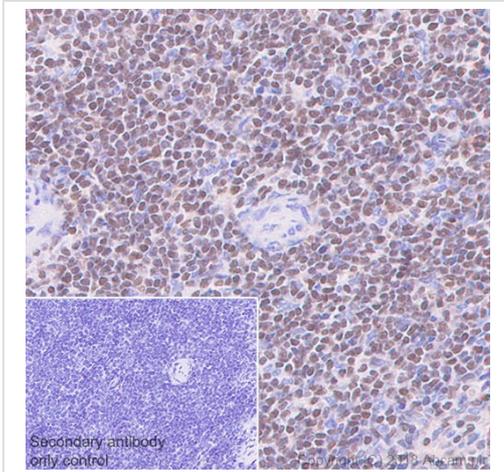
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<b>Function</b>	Transcription factor.
<b>Sequence similarities</b>	Belongs to the ETS family. Contains 1 ETS DNA-binding domain. Contains 1 PNT (pointed) domain.
<b>Post-translational modifications</b>	Sumoylated on Lys-15 and Lys-227, preferentially by SUMO2; which inhibits transcriptional activity. Ubiquitinated; which induces proteasomal degradation.
<b>Cellular localization</b>	Nucleus.

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## Images

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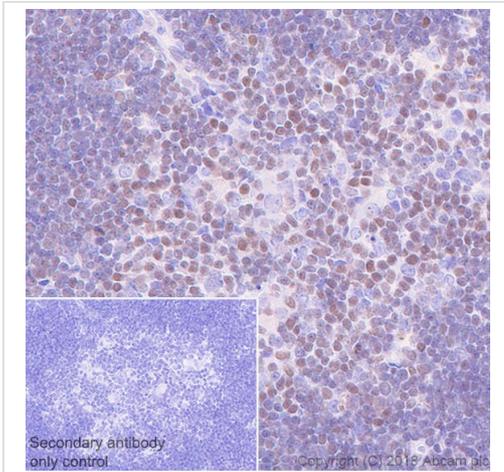
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ETS1 antibody [EPR21909] - BSA and Azide free (ab238645)

Immunohistochemical analysis of paraffin-embedded rat spleen tissue labeling ETS1 with [ab220361](#) at 1/500 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Nuclear staining on rat spleen (PMID: 23288305; PMID: 10377039). Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ready to use.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab220361](#)).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



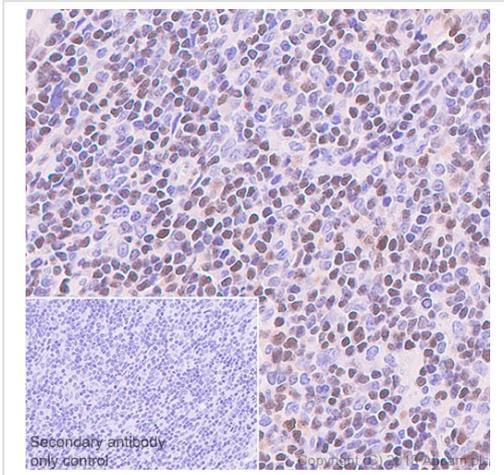
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ETS1 antibody [EPR21909] - BSA and Azide free (ab238645)

Immunohistochemical analysis of paraffin-embedded mouse thymus tissue labeling ETS1 with [ab220361](#) at 1/500 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Nuclear staining on mouse thymus (PMID: 22307076; PMID: 3472202). Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ready to use.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab220361](#)).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ETS1 antibody [EPR21909] - BSA and Azide free (ab238645)

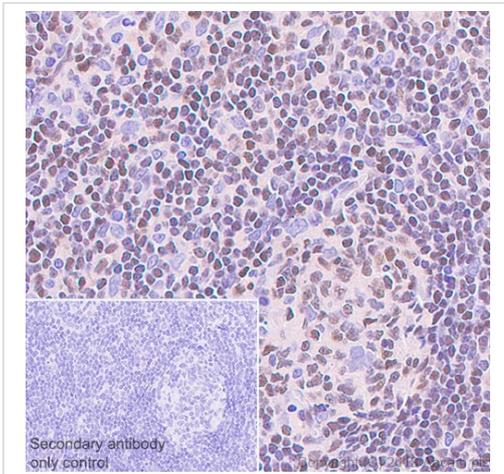
Immunohistochemical analysis of paraffin-embedded human Hodgkin's lymphoma tissue labeling ETS1 with [ab220361](#) at 1/500 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Nuclear staining on human Hodgkin's lymphoma (PMID: 23288305; PMID: 10377039). Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ready to use.

We recommend that customers optimize their experimental conditions when testing on human spleen and thymus tissues.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab220361](#)).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ETS1 antibody [EPR21909] - BSA and Azide free (ab238645)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling ETS1 with [ab220361](#) at 1/500 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ready to use. Nuclear staining on human tonsil (PMID: 23288305; PMID: 10377039). Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ready to use.

We recommend that customers optimize their experimental conditions when testing on human spleen and thymus tissues.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab220361](#)).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

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