

Anti-Lambda Free Light Chain antibody [3D12] ab1944

[1 Abreviews](#) [1 Image](#)

Overview

Product name	Anti-Lambda Free Light Chain antibody [3D12]
Description	Mouse monoclonal [3D12] to Lambda Free Light Chain
Host species	Mouse
Specificity	Specific for independent constantly expressed epitope of lambda chain. Reacts with monomer and dimer forms of free lambda chains but not with lambda chain-bearing immunoglobulins.
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human
Immunogen	Full length native protein (purified) corresponding to Human Lambda Free Light Chain.
Positive control	This antibody gave a positive result in IHC in the following FFPE tissue: Human normal tonsil.
General notes	<p>Concentration varies from lot to lot and can be provided on request.</p> <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&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: PBS</p>
Purity	Protein A purified
Purification notes	Purity tested by electrophoresis.
Clonality	Monoclonal
Clone number	3D12
Myeloma	Sp2/0

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab1944 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

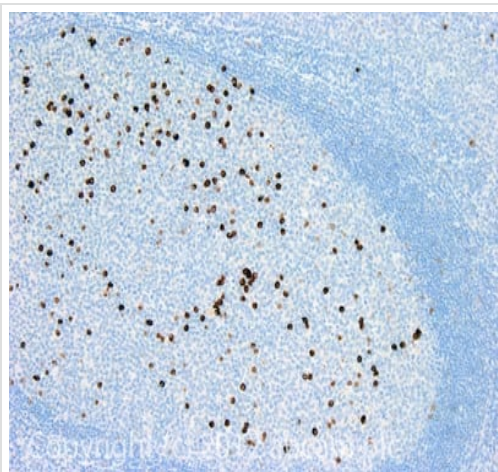
Application	Abreviews	Notes
IHC-P		Use a concentration of 5 µg/ml.

Target

Relevance

standard

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Lambda Free Light Chain antibody [3D12] (ab1944)

IHC image of Lambda Free Light Chain staining in Human normal tonsil formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with abX1944, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors