

Product Datasheet

CD5 Antibody (A25-G) NBP1-78994-100ul

Unit Size: 100 ul

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-78994

Updated 6/13/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-78994



NBP1-78994-100ul

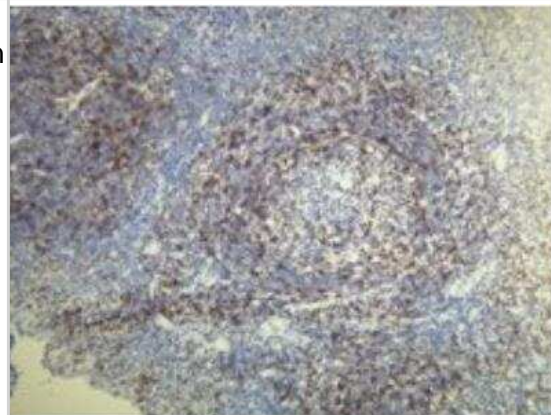
CD5 Antibody (A25-G)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	A25-G
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	20mM Tris-HCl (pH 8.0) and 20mg/ml BSA
Product Description	
Description	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Host	Rabbit
Gene ID	921
Gene Symbol	CD5
Species	Human
Immunogen	Peptide derived from C-terminal sequence of human CD5. Antibody recognizes the epitope between Ser447 - Ala467.
Notes	This antibody is immunoaffinity purified with immunogenic peptide as a ligand.
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:100-1:200

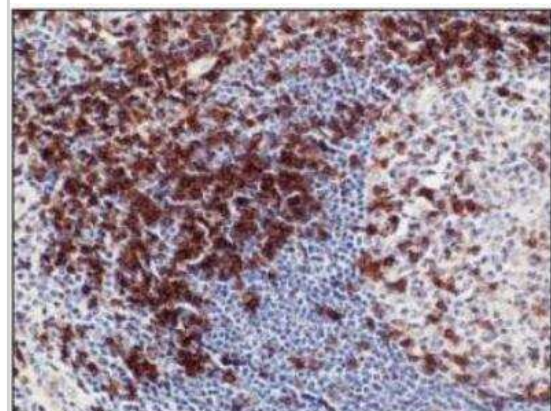


Images

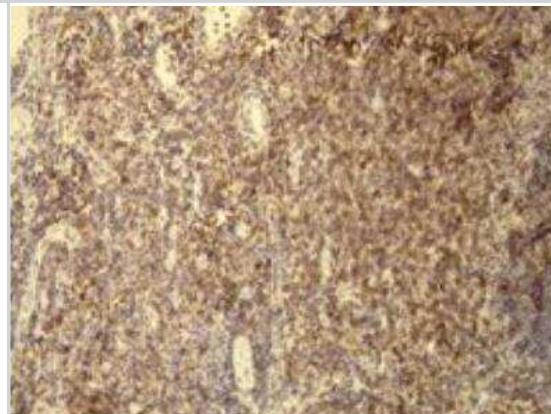
Immunohistochemistry-Paraffin: CD5 Antibody (A25-G) [NBP1-78994] - CD5 positive T-lymphocytes of the palatine tonsil. Formalin fixed, paraffin embedded human tissues (4 um sections) stained with anti-CD5 monospecific clonal antibody.



Immunohistochemistry-Paraffin: CD5 Antibody (A25-G) [NBP1-78994] - Formalin-fixed and paraffin-embedded human tonsil tissue (4 um) stained with anti-CD5 antibody shows strong positive immunostaining of T-lymphocytes. Kindly performed and provided by Katarina Poliakova, MD and Lubomir Straka, MD, Ph. D. from Clinical Pathology Presov, Ltd., Presov, Slovak republic.



Immunohistochemistry-Paraffin: CD5 Antibody (A25-G) [NBP1-78994] - CD5 positive T-lymphocytes of the lymph node. Formalin fixed, paraffin embedded human tissues (4 um sections) stained with anti-CD5 monospecific clonal antibody.



Procedures

Immunohistochemistry-Paraffin protocol for CD5 Antibody (NBP1-78994)

IHC-P protocol (NBP1-78994):

1. Deparaffinize the section in 3 changes of xylene, 5 minutes each.
2. Wash the section in 96%, 80% and 70% benzyl alcohol for 5 minutes each.
3. Rinse in distilled water.
4. Block the endogenous peroxidase by incubating the tissue in 3% hydrogen peroxide (H₂O₂) for 10 minutes.
5. Wash in distilled water.
6. For antigen retrieval: immerse the slide in the citrate buffer, pH 6.0, 0.05% Tween-20*, and incubate in microwave (600W) for 10 minutes. (Alternatively adjust to your own protocol, keeping the required pH)
7. Remove the staining to room temperature and let the slide to cool (in citrate buffer, pH 6.0) for 15 minutes.
8. Rinse in distilled water.
9. Wash in 0.05 M Tris-HCl , pH 7.6 buffer supplemented with 0.2% of Tween-20 (buffer A) for 5 minutes.
10. Incubate the section with primary antibody diluted in 0.05 M Tris-HCl, pH 7.6 buffer supplemented with 0.05% of Tween-20 at the dilution 1:100 - 200 for 1 hour in the closed wet chamber.
11. Wash twice 5 minutes with buffer A.
12. Apply the secondary antibody (the protocol depends on the supplier), and proceed to standard immunohistochemistry protocol (HRP - Peroxide - DAB).
13. Wash twice 5 minutes with buffer A.
14. Apply the chromogen (DAB), 10 minutes.
15. Rinse in water.
16. Stain in hematoxylin for 5 minutes.
17. Wash in water - 10 minutes.
18. Dehydrate the section in 2 changes of 96% benzyl alcohol for 5 minutes each.
19. Wash the section in 2 changes of xylene for 2 minutes each.
20. Mount the slide for observation.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-78994

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

