

Product datasheet

Anti-CD3 antibody ab828

★★★★★ [8 Abreviews](#) [47 References](#) [5 Images](#)

Overview

Product name	Anti-CD3 antibody
Description	Rabbit polyclonal to CD3
Host species	Rabbit
Specificity	ab828 is predicted to react with T cell areas in lymphoid tissues derived from various species: human, bovine, porcine, sheep, cat, dog, rat, mouse, Psammomys (sand rat), and chicken. The molecular weight of the polypeptide recognized by the antibody in bovine and swine extracts is 20 kDa.
Tested applications	Suitable for: IHC-P, IHC-Fr
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human CD3 conjugated to Bovine Serum Albumin (BSA).
General notes	<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. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.3</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituent: 1% BSA</p>
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

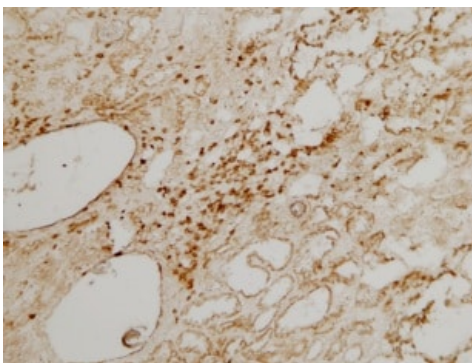
The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab828 in the following tested applications.

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

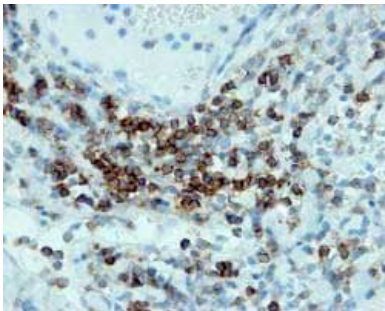
Application	Abreviews	Notes
IHC-P	★★★★★ (8)	Use at an assay dependent concentration.
IHC-Fr		1/10 - 1/50. ABC method.

Images



Immunohistochemistry (Frozen sections) - Anti-CD3 antibody (ab828)

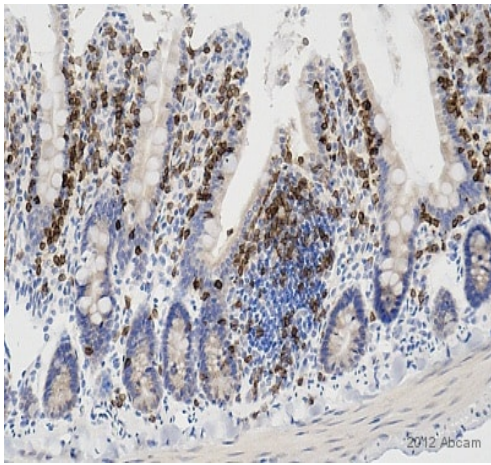
This immunoperoxidase picture shows inflammatory cell infiltration with many T-lymphocytes in the interstitium of human kidneys with congenital nephrotic syndrome of the Finnish type (CNF, NPHS1). Immunoperoxidase staining of frozen sections with ab828 antibody (oval shaped, unstained spaces on the left are glomeruli). This image was kindly supplied as part of the review submitted by Arvi-Matti-Kuusniemi.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD3 antibody (ab828)

Ab828 positively staining formaldehyde fixed human tonsil tissue at 1/50 in conjunction with goat anti rabbit HRP. Detection by DAB. Pressure cooker heat mediated antigen retrieval was employed in citrate buffer pH 6.0.

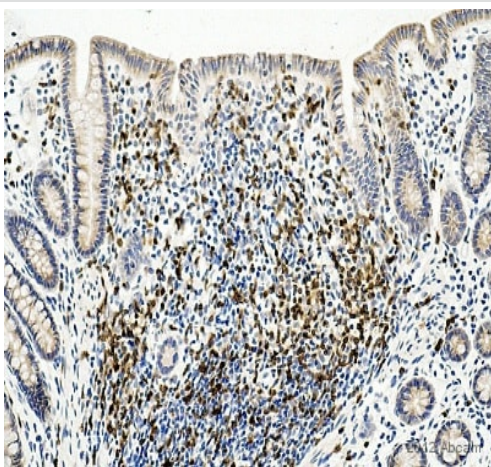
This image is courtesy of an Abreview submitted by **Melanie Black** on **22 Aug 05**. We do not have any further information relating to this image.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD3 antibody (ab828)

This image is courtesy of an abreview submitted by Carl Hobbs, King's College London, United Kingdom

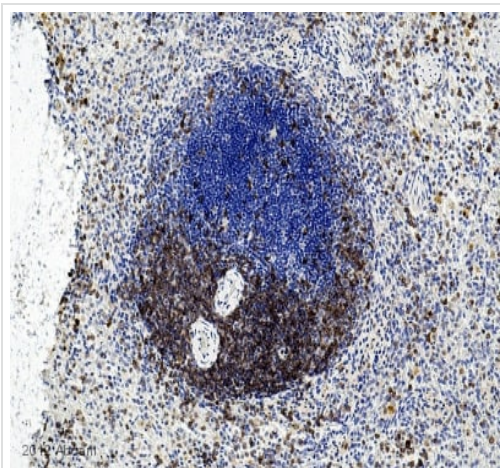
IHC-P image of CD3 staining on rat small intestine using ab828 (1:50). The section was deparaffinized, rehydrated and subjected to heat mediated antigen retrieval using citric acid at pH6. The section was then blocked using 1% BSA at 21°C for 10 mins. The primary antibody was used at 21°C for 2 hours. Goat polyclonal to Rabbit IgG conjugated to biotin was used as secondary antibody (1:250).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD3 antibody (ab828)

This image is courtesy of an abreview submitted by Carl Hobbs, King's College London, United Kingdom

IHC-P image of CD3 staining on monkey colon using ab828 (1:50). The section was deparaffinized, rehydrated and subjected to heat mediated antigen retrieval using citric acid at pH6. The section was then blocked using 1% BSA at 21°C for 10 mins. The primary antibody was used at 21°C for 2 hours. Goat polyclonal to Rabbit IgG conjugated to biotin was used as secondary antibody (1:250).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD3 antibody (ab828)

This image is courtesy of an abreview submitted by Carl Hobbs, King's College London, United Kingdom

IHC-P image of CD3 staining on dog spleen using ab828 (1:50). The section was deparaffinized, rehydrated and subjected to heat mediated antigen retrieval using citric acid at pH6. The section was then blocked using 1% BSA at 21°C for 10 mins. The primary antibody was used at 21°C for 2 hours. Goat polyclonal to Rabbit IgG conjugated to biotin was used as secondary antibody (1:250).

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