

Product datasheet

Anti-CD5 antibody [EP2952] ab75877

Recombinant RabMAb

2 References 6 Images

Overview

Product name	Anti-CD5 antibody [EP2952]
Description	Rabbit monoclonal [EP2952] to CD5
Host species	Rabbit
Tested applications	Suitable for: WB, IP, IHC-P, ICC Unsuitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human CD5 aa 50-150. The exact sequence is proprietary.
Positive control	Human tonsil tissue.
General notes	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

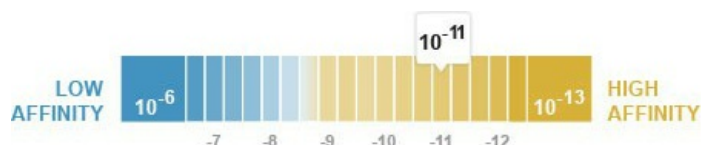
Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMab[®] patents](#)

We are constantly working hard to ensure we provide our customers with best in class antibodies. As a result of this work we are pleased to now offer this antibody in purified format. We are in the process of updating our datasheets. The purified format is designated 'PUR' on our product labels. If you have any questions regarding this update, please contact our Scientific Support team.

This product is a recombinant rabbit monoclonal antibody.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Dissociation constant (K_D)	K _D = 1.70 x 10 ⁻¹¹ M



Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.5% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EP2952
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab75877** in the following tested applications.

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

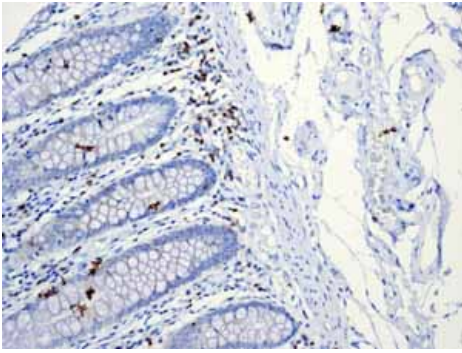
Application	Abreviews	Notes
WB		1/10000 - 1/50000. Predicted molecular weight: 55 kDa.
IP		1/50.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC		1/100 - 1/250.

Application notes Is unsuitable for Flow Cyt.

Target

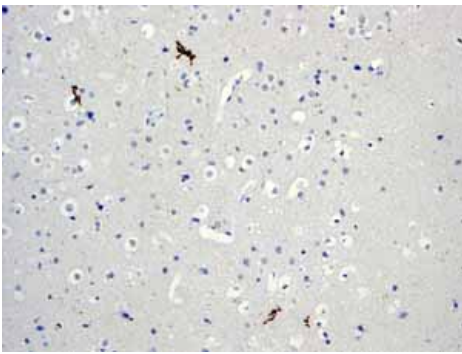
Function	May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.
Sequence similarities	Contains 3 SRCR domains.
Cellular localization	Membrane.

Images



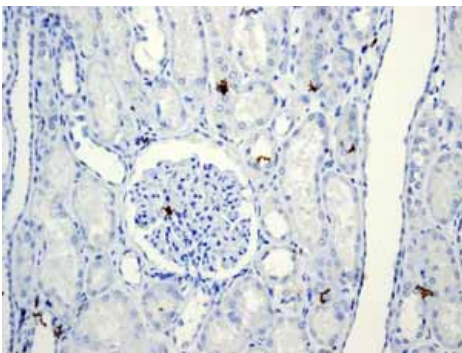
ab75877 showing positive staining in Normal colon lymphocytes tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [EP2952] (ab75877)



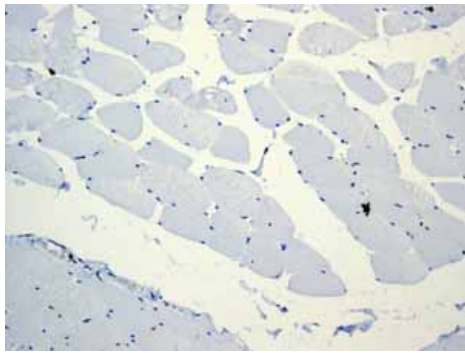
ab75877 showing negative staining in Normal brain tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [EP2952] (ab75877)



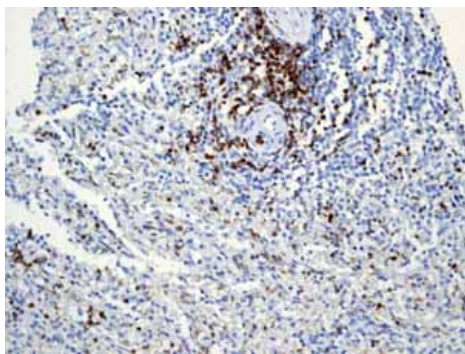
ab75877 showing negative staining in Normal kidney tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [EP2952] (ab75877)



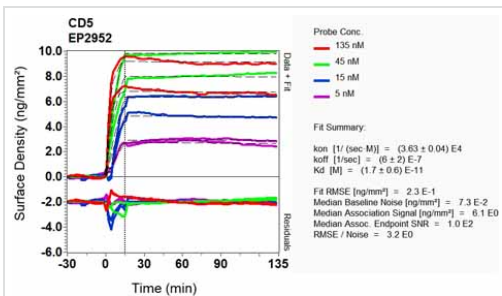
ab75877 showing negative staining in Skeletal muscle tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [EP2952] (ab75877)



ab75877 showing positive staining in Normal spleen tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody [EP2952] (ab75877)



Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

Other - Anti-CD5 antibody [EP2952] (ab75877)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

-
- 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