


Anti-ICOS antibody [SP98] ab105227

リコンビナント **RabMAb**

★★★★☆ **2 Abreviews** **12 References** **画像数 8**

製品の概要

製品名	Anti-ICOS antibody [SP98]
製品の詳細	Rabbit monoclonal [SP98] to ICOS
由来種	Rabbit
アプリケーション	適用あり: IHC-P, IHC-Fr
種交差性	交差種: Human 交差が予測される動物種: Mouse 
免疫原	Synthetic peptide within Human ICOS aa 150 to the C-terminus (C terminal). The exact sequence is proprietary. Database link: Q9Y6W8
ポジティブ・コントロール	IHC-P: Human lymph node, pancreatic adenocarcinoma, thymus and tonsil tissue. IHC-Fr: Frozen human tonsil tissue sections
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here . This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA
精製度	Protein A/G purified
特記事項(精製)	Purified from TCS by protein A/G.

ポリモノ	モノクローナル
クローン名	SP98
アイソタイプ	IgG

アプリケーション

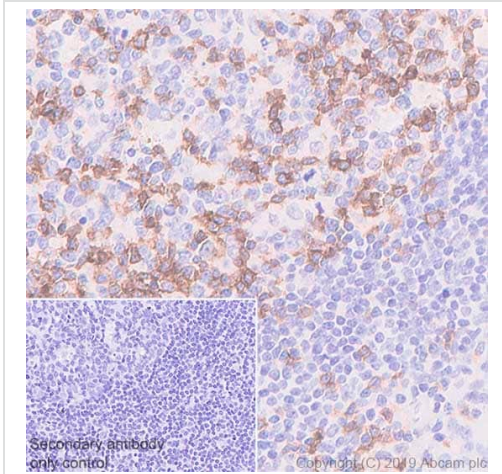
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab105227の使用に適用されず**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (1)	1/100. Perform antigen retrieval before commencing with IHC staining protocol by boiling tissue section in EDTA buffer, pH 8.0 for 10 min followed by cooling at RT for 20 min.
IHC-Fr	★☆☆☆☆ (1)	1/100.

ターゲット情報

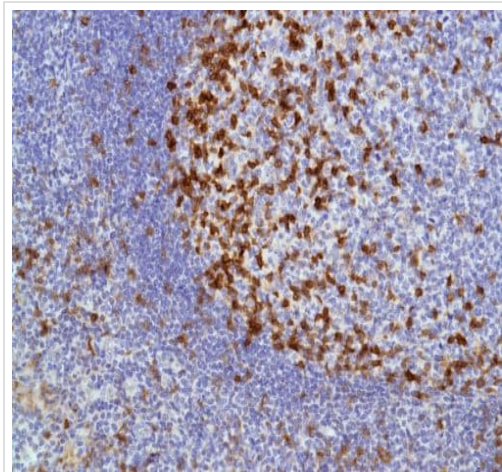
機能	Enhances all basic T-cell responses to a foreign antigen, namely proliferation, secretion of lymphokines, up-regulation of molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells. Essential both for efficient interaction between T and B-cells and for normal antibody responses to T-cell dependent antigens. Does not up-regulate the production of interleukin-2, but superinduces the synthesis of interleukin-10. Prevents the apoptosis of pre-activated T-cells. Plays a critical role in CD40-mediated class switching of immunoglobulin isotypes.
組織特異性	Activated T-cells. Highly expressed on tonsillar T-cells, which are closely associated with B-cells in the apical light zone of germinal centers, the site of terminal B-cell maturation. Expressed at lower levels in thymus, lung, lymph node and peripheral blood leukocytes. Expressed in the medulla of fetal and newborn thymus.
関連疾患	Immunodeficiency, common variable, 1
配列類似性	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻訳後修飾	N-glycosylated.
細胞内局在	Secreted and Cell membrane.

画像



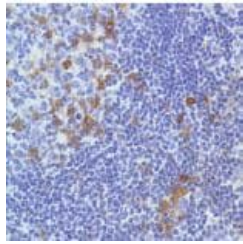
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICOS antibody [SP98] (ab105227)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue sections labeling ICOS with ab105227 at 1/100 dilution (0.28 µg/ml). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 30 mins. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Hematoxylin was used as a counterstain. Sporadically positive staining in the germinal center of human tonsil, performed on a Leica Biosystems BOND™ RX instrument. The section was incubated with ab105227 for 30 mins at room temperature.



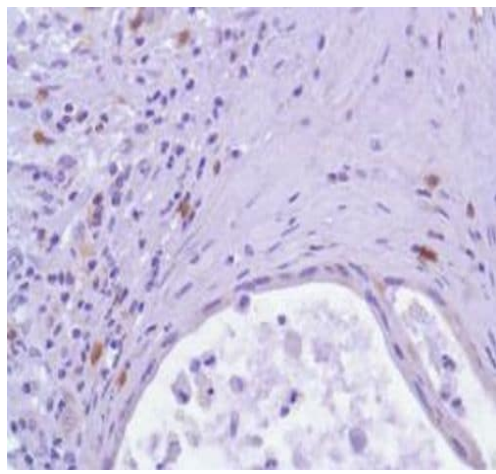
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICOS antibody [SP98] (ab105227)

Formalin-fixed, paraffin-embedded human tonsil tissue stained for ICOS using ab105227 at 1/100 dilution in immunohistochemical analysis.



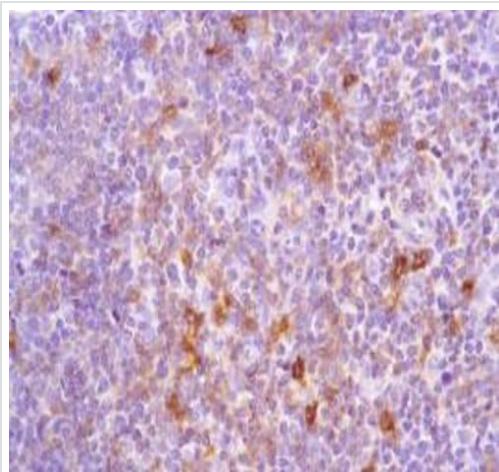
ab105227, at 1/100 dilution, staining ICOS in formalin-fixed, paraffin-embedded Human reactive lymph node tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICOS antibody [SP98] (ab105227)



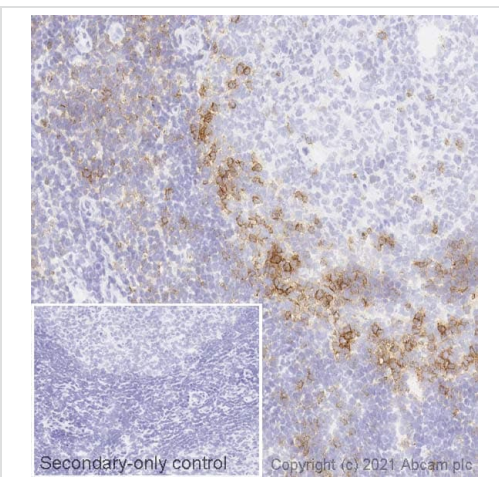
Formalin-fixed, paraffin-embedded human pancreatic adenocarcinoma tissue stained for ICOS using ab105227 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICOS antibody [SP98] (ab105227)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ICOS antibody [SP98] (ab105227)

Formalin-fixed, paraffin-embedded human thymus tissue stained for ICOS using ab105227 at 1/100 dilution in immunohistochemical analysis.

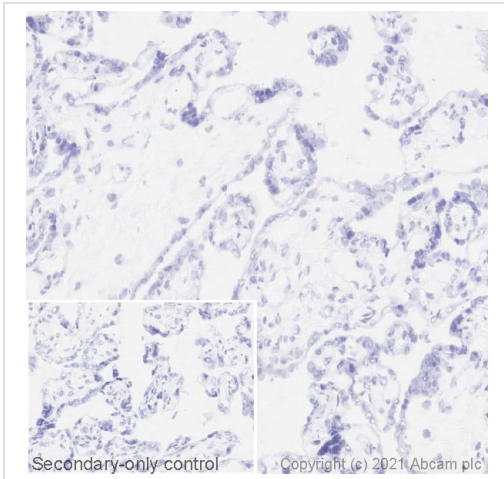


Immunohistochemistry (Frozen sections) - Anti-ICOS antibody [SP98] (ab105227)

IHC image of ICOS staining in a section of frozen normal human tonsil* performed on a Leica BOND™ system using the standard protocol. The section was fixed in 10% paraformaldehyde (10 min) prior to staining. The section was incubated with ab105227, 5ug/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. The inset secondary-only control image is taken from an identical assay without primary antibody.

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.

*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre







Immunohistochemistry (Frozen sections) - Anti-ICOS antibody [SP98] (ab105227)

Negative control image: IHC image of ICOS staining in a section of frozen normal human placenta* performed on a Leica BOND™ system using the standard protocol. The section was fixed in 10% paraformaldehyde (10 min) prior to staining. The section was incubated with ab105227, 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. The inset secondary-only control image is taken from an identical assay without primary antibody.

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.

*Tissue obtained from the Human Research Tissue Bank, supported by the NIHR Cambridge Biomedical Research Centre

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-ICOS antibody [SP98] (ab105227)

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.co.jp/abpromise> or contact our technical team.

Terms and conditions

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