

### Anti-CD2 antibody [SP304] - BSA and Azide free ab272017

リコンビナント

画像数 13

#### 製品の概要

製品名	Anti-CD2 antibody [SP304] - BSA and Azide free
製品の詳細	Rabbit monoclonal [SP304] to CD2 - BSA and Azide free
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	IHC-P: Human tonsil, thymus, colon, stomach, stomach adenocarcinoma, colon adenocarcinoma, lung squamous cell carcinoma, lung adenocarcinoma, uterus and cervical squamous cell carcinoma tissue.
特記事項	ab272017 is the carrier-free version of <a href="#">ab227698</a> .

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

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

**This product is FOR RESEARCH USE ONLY. For commercial use, please contact**

## 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.20 Constituent: PBS
キャリア・フリー	はい
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	SP304
アイソタイプ	IgG

## アプリケーション

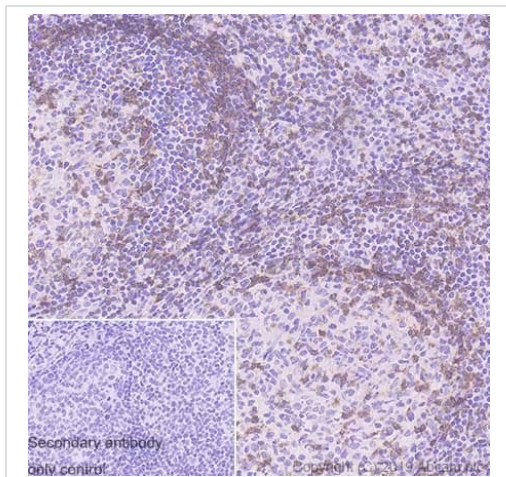
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab272017の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		Use at an assay dependent concentration. Boil tissue section in EDTA buffer, pH 8.0 for 10 minutes followed by cooling at room temperature for 20 minutes. Incubate with primary antibody for 10 minutes at room temperature.

## ターゲット情報

機能	CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.
配列類似性	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
細胞内局在	Membrane.

## 画像

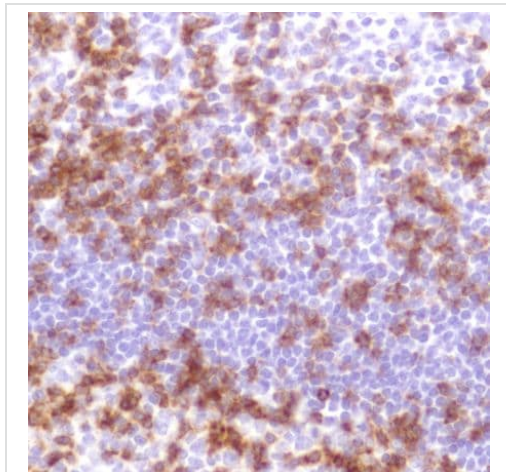


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Immunohistochemistry analysis of paraffin-embedded human tonsil tissue sections labelling CD2 with **ab227698** at 1/100 dilution. The section was incubated with **ab227698** for 10 mins at room temperature. LeicaDS9800 (Bond™ Polymer Refine Detection) was used as the secondary antibody. Sections were counterstained with Hematoxylin. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

Positive staining on the human tonsil tissue, performed on a Leica Biosystems BOND® RX instrument.

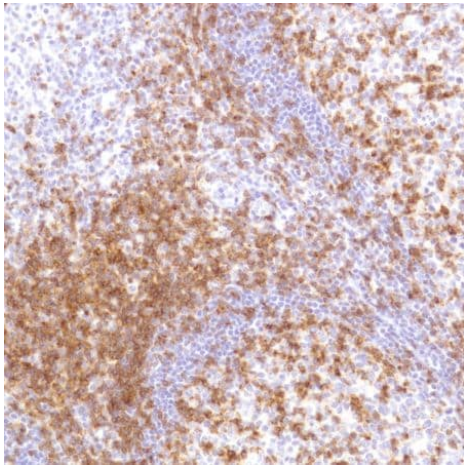
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab227698**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human tonsil tissue stained for CD2 using **ab227698** at 1/100 dilution in immunohistochemical analysis.

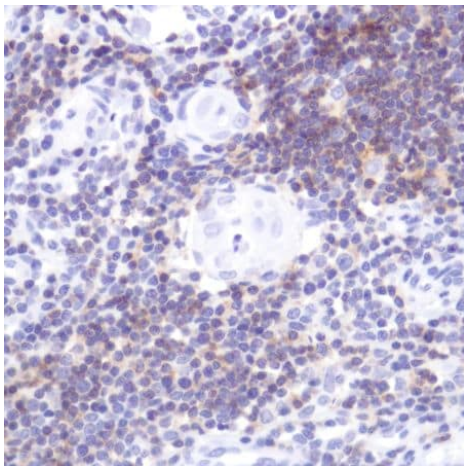
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab227698**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human tonsil tissue stained for CD2 using [ab227698](#) at 1/100 dilution in immunohistochemical analysis.

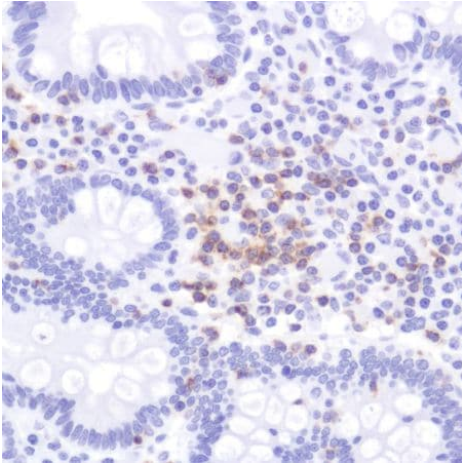
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab227698](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human thymus tissue stained for CD2 using [ab227698](#) at 1/100 dilution in immunohistochemical analysis.

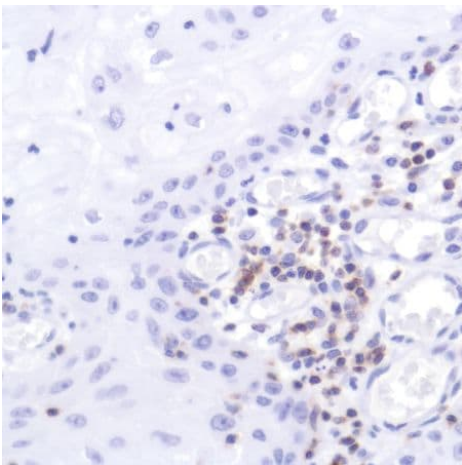
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab227698](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human colon tissue stained for CD2 using [\*\*ab227698\*\*](#) at 1/100 dilution in immunohistochemical analysis.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([\*\*ab227698\*\*](#)).

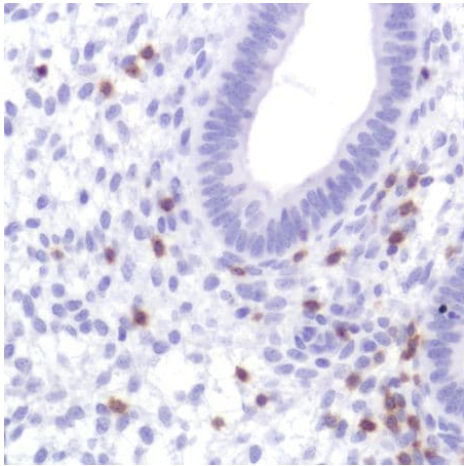


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human cervical squamous cell carcinoma tissue stained for CD2 using [\*\*ab227698\*\*](#) at 1/100 dilution in immunohistochemical analysis.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([\*\*ab227698\*\*](#)).

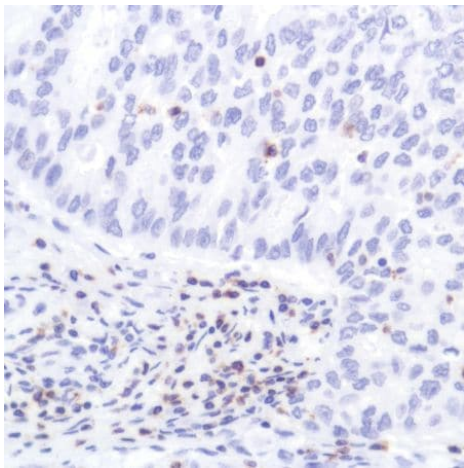




Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human uterus tissue stained for CD2 using [ab227698](#) at 1/100 dilution in immunohistochemical analysis.

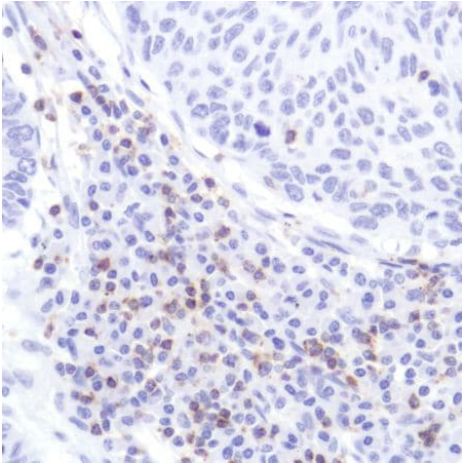
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab227698](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human lung adenocarcinoma tissue stained for CD2 using [ab227698](#) at 1/100 dilution in immunohistochemical analysis.

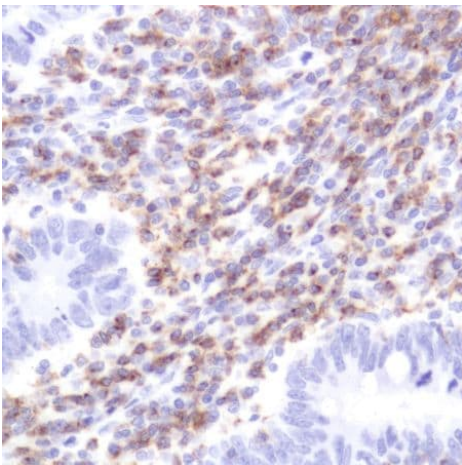
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab227698](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human lung squamous cell carcinoma tissue stained for CD2 using **ab227698** at 1/100 dilution in immunohistochemical analysis.

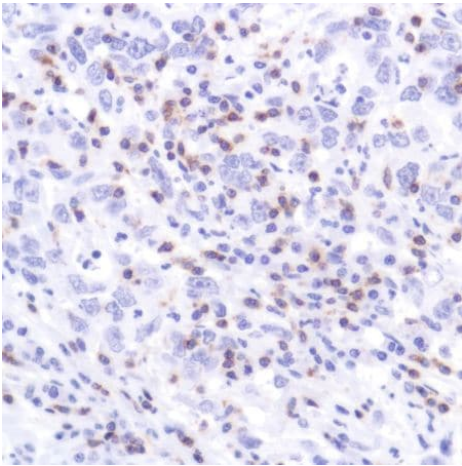
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human colon adenocarcinoma tissue stained for CD2 using **ab227698** at 1/100 dilution in immunohistochemical analysis.

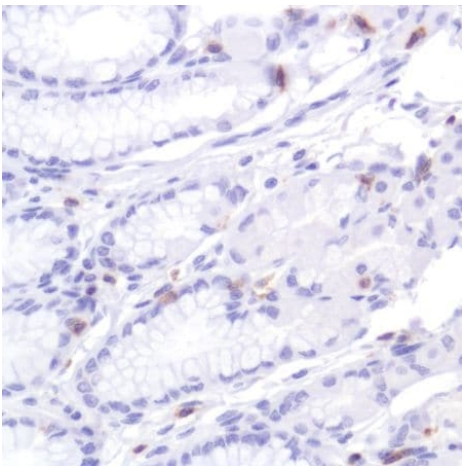
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human stomach adenocarcinoma tissue stained for CD2 using **ab227698** at 1/100 dilution in immunohistochemical analysis.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab227698**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD2 antibody [SP304] - BSA and Azide free (ab272017)

Formalin-fixed, paraffin-embedded human stomach tissue stained for CD2 using **ab227698** at 1/100 dilution in immunohistochemical analysis.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab227698**).



### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-CD2 antibody [SP304] - BSA and Azide free  
(ab272017)

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

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