

Product datasheet

Anti-CD272/BTLA antibody ab181406

[1 References](#) [3 Images](#)

Overview

Product name	Anti-CD272/BTLA antibody
Description	Rabbit polyclonal to CD272/BTLA
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human CD272/BTLA (internal sequence). Peptide corresponds to 17 amino acids near the center. (NP_861445) Database link: Q7Z6A9
Positive control	Jurkat cell lyate and Human small intestine tissue.
General notes	This product was previously labelled as CD272

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab181406** in the following tested applications.

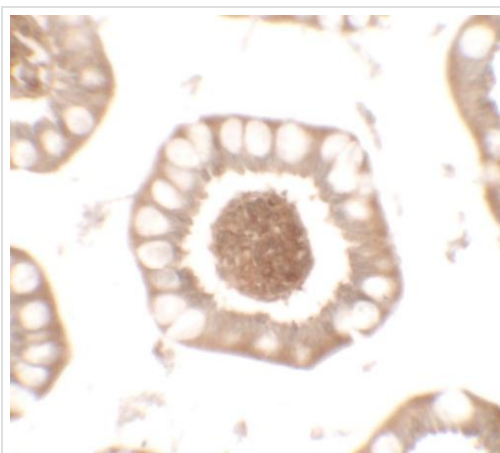
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use a concentration of 2.5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		Use a concentration of 1 - 2 µg/ml. Detects a band of approximately 40 kDa (predicted molecular weight: 33 kDa).
ICC/IF		Use a concentration of 20 µg/ml.

Target

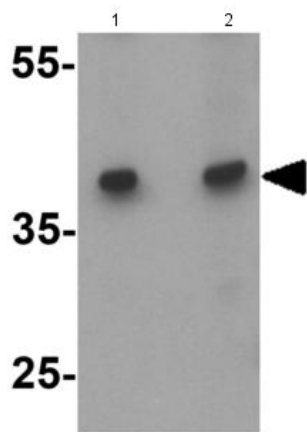
Function	Lymphocyte inhibitory receptor which inhibits lymphocytes during immune response.
Sequence similarities	Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Post-translational modifications	Phosphorylated on Tyr residues by TNFRSF14 and by antigen receptors cross-linking, both inducing association with PTPN6 and PTPN11. N-glycosylated.
Cellular localization	Membrane.

Images



Immunohistochemical analysis of paraffin-embedded Human small intestine tissue, labeling CD272/BTLA using ab181406 at 2.5 µg/mL.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD272/BTLA antibody (ab181406)



Western blot - Anti-CD272/BTLA antibody
(ab181406)

Lane 1 : Anti-CD272/BTLA antibody (ab181406) at 1 µg/ml

Lane 2 : Anti-CD272/BTLA antibody (ab181406) at 2 µg/ml

All lanes : Jurkat cell lysate

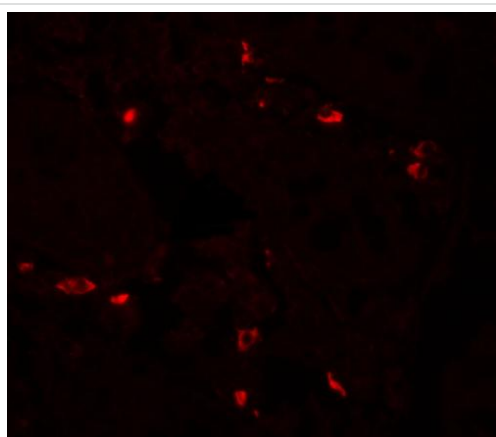
Lysates/proteins at 15 µg per lane.

Developed using the ECL technique.

Predicted band size: 33 kDa

Observed band size: 40 kDa

[why is the actual band size different from the predicted?](#)



Immunocytochemistry/ Immunofluorescence - Anti-
CD272/BTLA antibody (ab181406)

Immunofluorescence analysis of Human small intestine tissue,
labeling CD272/BTLA using ab181406 at 20 µg/mL.

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.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