

Product datasheet

Anti-CLEC-2 antibody ab81983

[1 Image](#)

Overview

Product name	Anti-CLEC-2 antibody
Description	Goat polyclonal to CLEC-2
Host species	Goat
Specificity	ab81983 is expected to recognize both reported isoforms (NP_001092901.1; NP_057593.3)
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human CLEC-2 aa 95-108 (internal sequence). (NP_001092901.1; NP_057593.3) Sequence: KGHKCSPCDTNWRY

 [Run BLAST with](#)

 [Run BLAST with](#)

Positive control Human bone marrow and human kidney lysates.

General notes

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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 0.5% Tris buffered saline
Purity	Immunogen affinity purified
Purification notes	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Clonality	Polyclonal
Isotype	IgG

Applications

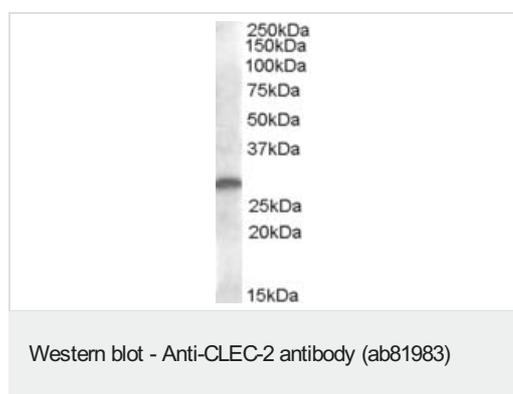
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab81983 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 3 µg/ml. Predicted molecular weight: 27 kDa. 1 hour primary incubation is recommended for this product.

Target

Function	Acts as a receptor for the platelet-aggregating snake venom protein rhodocytin. Rhodocytin binding leads to tyrosine phosphorylation and this promotes the binding of spleen tyrosine kinase (Syk) and initiation of downstream tyrosine phosphorylation events and activation of PLC-gamma-2. Acts as an attachment factor for human immunodeficiency virus type 1 (HIV-1) and facilitates its capture by platelets.
Tissue specificity	Expressed preferentially in the liver. Also expressed in immune cells of myeloid origin and on the surface of platelets.
Sequence similarities	Contains 1 C-type lectin domain.
Post-translational modifications	Glycosylated. Phosphorylated on tyrosine residue in response to rhodocytin binding.
Cellular localization	Membrane.

Images



Anti-CLEC-2 antibody (ab81983) at 1 µg/ml + human kidney lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

Predicted band size: 27 kDa

Observed band size: 30 kDa

Exposure time: 1 hour

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

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- 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
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- 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.

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