


Product datasheet

Anti-FNDC5 antibody ab131390

★ ★ ★ ★ ★ [1 Abreviews](#) [15 References](#) [2 Images](#)

Overview

Product name	Anti-FNDC5 antibody
Description	Rabbit polyclonal to FNDC5
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat, Horse, Chicken, Cow, Dog, Pig, Zebrafish, Macaque monkey, Orangutan 
Immunogen	Synthetic peptide corresponding to Mouse FNDC5 aa 50-150 conjugated to keyhole limpet haemocyanin. Database link: Q8K4Z2 (Peptide available as ab153677)
Positive control	This antibody gave a positive signal in the following whole cell lysates: K562; C2C12.
General notes	<p>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.</p> <p>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</p>

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 or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS
	Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab131390 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

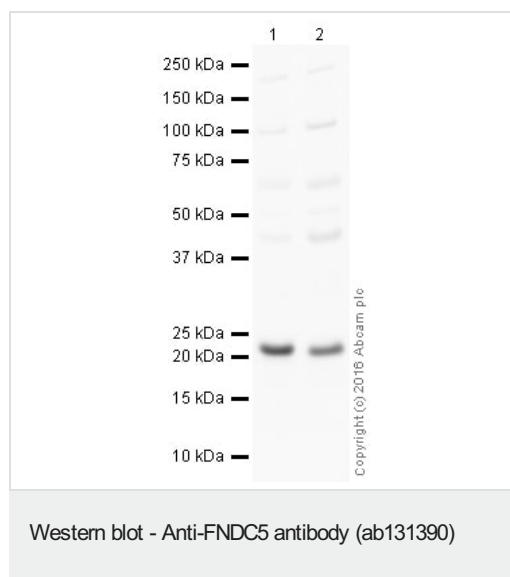
Application	Abreviews	Notes
WB	★ ★ ★ ★ ★ (1)	Use a concentration of 1 µg/ml. Detects a band of approximately 22 kDa (predicted molecular weight: 23 kDa).

Target

Sequence similarities Contains 1 fibronectin type-III domain.

Cellular localization Peroxisome membrane. Imported in peroxisomes through the PEX5 receptor pathway.

Images



All lanes : Anti-FNDC5 antibody (ab131390) at 1 µg/ml

Lane 1 : K562 (Human erythromyeloblastoid leukemia cell line)
Whole Cell Lysate

Lane 2 : C2C12 (Mouse myoblast cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/50000 dilution

Developed using the ECL technique.

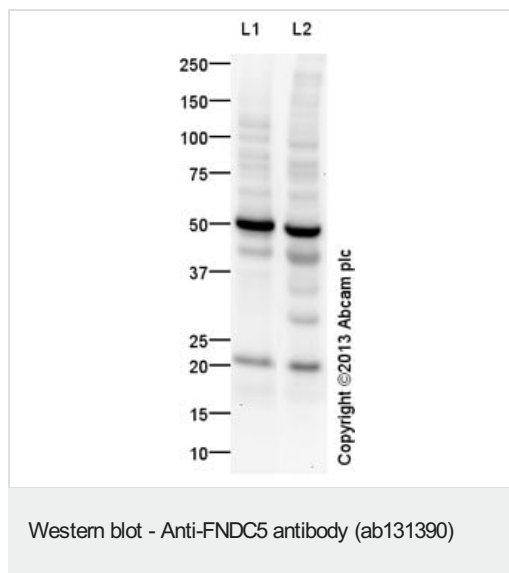
Performed under reducing conditions.

Predicted band size: 23 kDa

Observed band size: 22 kDa

Exposure time: 30 seconds

This blot was produced using a 4-12% Bis-tris gel under the MES buffer system. The gel was run at 200V for 35 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab131390 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution **ab133406**.



All lanes : Anti-FNDC5 antibody (ab131390) at 1 µg/ml

Lane 1 : K562 (Human erythromyeloblastoid leukemia cell line)
Whole Cell Lysate

Lane 2 : C2C12 (Mouse myoblast cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 23 kDa

Observed band size: 22 kDa

Additional bands at: 45 kDa, 50 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 20 minutes

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

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