


Product datasheet

HRP Anti-SNX27 antibody [1C6] ab203648

★★★★★ 1 Abreviews 1 Image

Overview

Product name	HRP Anti-SNX27 antibody [1C6]
Description	HRP Mouse monoclonal [1C6] to SNX27
Host species	Mouse
Conjugation	HRP
Tested applications	Suitable for: WB
Species reactivity	<p>Reacts with: Human</p> <p>Predicted to work with: Monkey </p>
Immunogen	Fusion protein within Human SNX27 (N terminal). The exact sequence is proprietary.
Epitope	N-terminal amino acids 1-267.
Positive control	WB: HeLa, HEK293 and MDA-MB-231 whole cell lysates.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>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, as well as 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. Avoid freeze / thaw cycle. Store In the Dark.
Storage buffer	pH: 7.40 Preservative: 0.1% 10% Proclin 300 Solution Constituents: PBS, 30% Glycerol, 1% BSA
Purity	Affinity purified
Clonality	Monoclonal
Clone number	1C6
Myeloma	Sp2/0
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab203648** in the following tested applications.

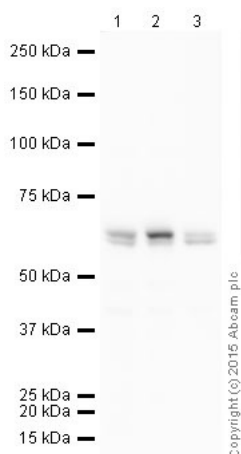
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	1/5000. Detects a band of approximately 61 kDa (predicted molecular weight: 61 kDa).

Target

Function	Involved in endocytic trafficking (By similarity). In T lymphocytes, participates in endocytic recycling pathway. Recruits PSCDBP and HT4R to early endosomes.
Tissue specificity	Expressed in cells of hematopoietic origin (at protein level).
Sequence similarities	Belongs to the sorting nexin family. Contains 1 PDZ (DHR) domain. Contains 1 PX (phox homology) domain. Contains 1 Ras-associating domain.
Domain	The PDZ domain mediates the interaction with DGKZ, PSCDBP and HT4R and is responsible for vesicular localization.
Cellular localization	Cytoplasm > cytosol. Early endosome. In T-lymphocytes, recruited from the cytosol to sorting endosomes by phosphoinositide-3-kinase products.

Images



Western blot - HRP Anti-SNX27 antibody [1C6] (ab203648)

All lanes : HRP Anti-SNX27 antibody [1C6] (ab203648) at 1/5000 dilution

Lane 1 : HeLa (Human epithelial carcinoma cell line) Whole Cell Lysate

Lane 2 : HEK293 (Human embryonic kidney cell line) Whole Cell Lysate

Lane 3 : MDA-MB-361 (Human breast adenocarcinoma cell line) Whole Cell Lysate Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 61 kDa

Observed band size: 61 kDa

Exposure time: 1 minute

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 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 ab203648 overnight at 4°C. Antibody binding was visualised using ECL development solution [ab133406](#).

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

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