


Product datasheet

Anti-SLUG antibody [mAbcam51772] ab51772

★★★★☆ [9 Abreviews](#) [36 References](#) [3 Images](#)

Overview

Product name	Anti-SLUG antibody [mAbcam51772]
Description	Mouse monoclonal [mAbcam51772] to SLUG
Host species	Mouse
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Chicken, Cow, Pig, Xenopus laevis 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Mouse Skin Tissue Lysate
General notes	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 6.97% L-Arginine
Purity	Protein G purified
Clonality	Monoclonal
Clone number	mAbcam51772
Myeloma	Sp2/0

Isotype

IgG1

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab51772 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	★★★★☆ (4)	Use a concentration of 1 - 5 µg/ml. Predicted molecular weight: 30 kDa.

Target

Function

Transcriptional repressor. Involved in the generation and migration of neural crest cells.

Tissue specificity

Expressed in placenta and adult heart, pancreas, liver, kidney and skeletal muscle.

Involvement in disease

Defects in SNAI2 are the cause of Waardenburg syndrome type 2D (WS2D) [MIM:608890]. WS2 is a genetically heterogeneous, autosomal dominant disorder characterized by sensorineural deafness, pigmentary disturbances, and absence of dystopia canthorum. The frequency of deafness is higher in WS2 than in WS1.

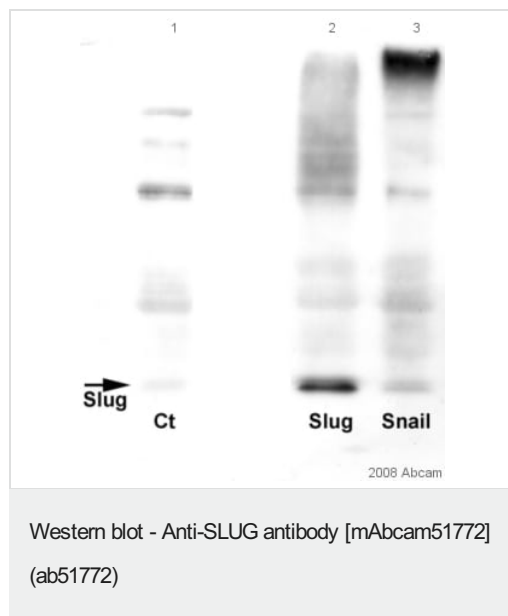
Sequence similarities

Belongs to the snail C2H2-type zinc-finger protein family.
Contains 5 C2H2-type zinc fingers.

Cellular localization

Nucleus.

Images



All lanes : Anti-SLUG antibody [mAbcam51772] (ab51772)

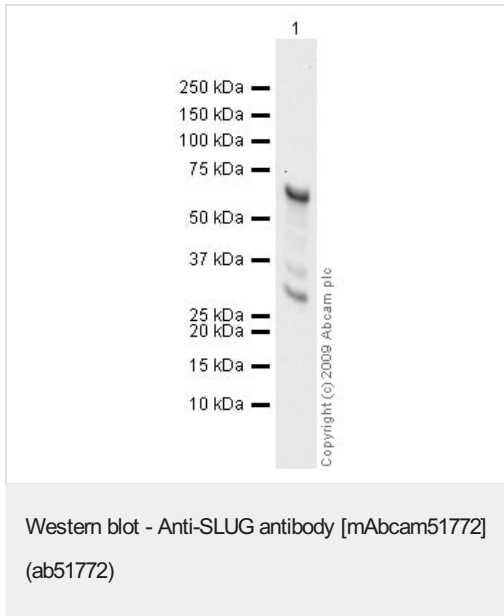
Lane 1 : Untransfected MCF7 cells

Lane 2 : MCF7 cells transfected with SLUG

Lane 3 : MCF7 cells transfected with Snail

Predicted band size: 30 kDa

Observed band size: 30 kDa



Anti-SLUG antibody [mAbcam51772] (ab51772) at 5 µg/ml +
 Mouse skin tissue lysate - total protein (**ab4025**) at 10 µg

Secondary

Goat polyclonal to Mouse IgG - H&L - Pre-Adsorbed (HRP) at
 1/3000 dilution

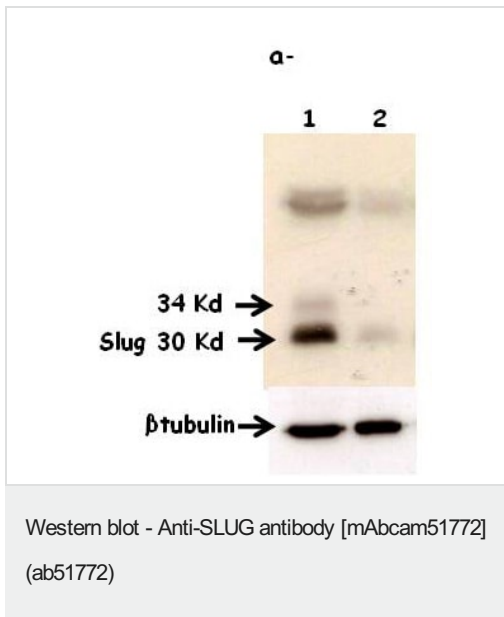
Performed under reducing conditions.

Predicted band size: 30 kDa

Observed band size: 30 kDa

Additional bands at: 34 kDa, 60 kDa. We are unsure as to the
 identity of these extra bands.

Exposure time: 10 minutes



All lanes : Anti-SLUG antibody [mAbcam51772] (ab51772) at 1
 µg/ml

Lane 1 : Skin tissue lysate from Slug heterozygous mouse

Lane 2 : Skin tissue lysate from Slug knockout mouse

Performed under reducing conditions.

Predicted band size: 30 kDa

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

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- 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.

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