

Product datasheet

Anti-NOC4L antibody [PCRP-NOC4L-1E3] ab277096

3 Images

Overview

Product name	Anti-NOC4L antibody [PCRP-NOC4L-1E3]
Description	Mouse monoclonal [PCRP-NOC4L-1E3] to NOC4L
Host species	Mouse
Tested applications	Suitable for: Protein Array, Flow Cyt, ICC
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length protein corresponding to Human NOC4L aa 1-516. Database link: Q9BVI4
Positive control	Flow cyt: HeLa cells. ICC: HeLa cells.
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. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 0.05% BSA, 99.9% PBS
Purity	Protein A/G purified
Purification notes	Purified from bioreactor concentrate
Clonality	Monoclonal
Clone number	PCRP-NOC4L-1E3
Isotype	IgG1

Applications

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab277096 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

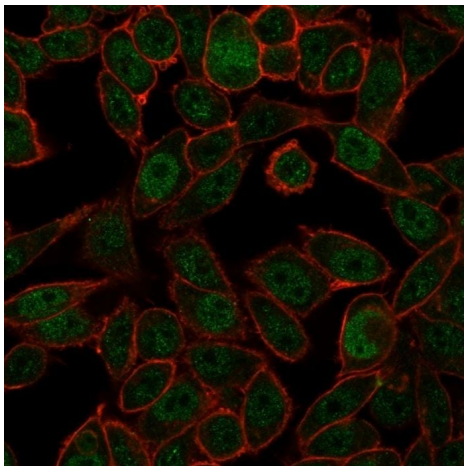
Application	Abreviews	Notes
Protein Array		Use at an assay dependent concentration.
Flow Cyt		Use 1-2µg for 10 ⁶ cells.
ICC		Use a concentration of 1 - 2 µg/ml.

Target

Sequence similarities Belongs to the CBF/MAK21 family.

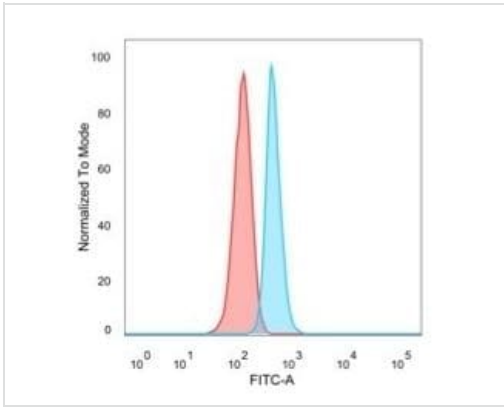
Cellular localization Nucleus membrane. Nucleus > nucleolus.

Images



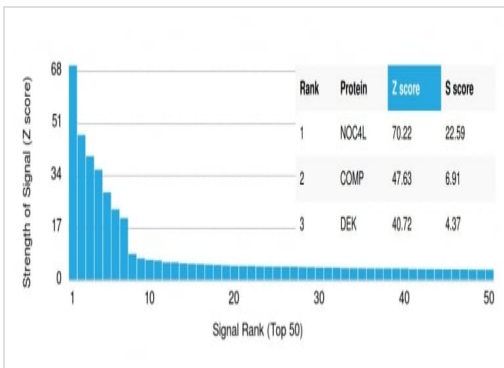
Immunofluorescence analysis of PFA-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeling NOC4L with ab277096 at 2 µg/ml, followed by goat anti-mouse IgG-CF488 (green); phalloidin counterstain (red).

Immunocytochemistry - Anti-NOC4L antibody
[PCRP-NOC4L-1E3] (ab277096)



Flow Cytometry - Anti-NOC4L antibody [PCRP-NOC4L-1E3] (ab277096)

Flow cytometry analysis of PFA-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeling NOC4L using ab277096 at $2 \mu\text{g} / 10^6$ cells followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).



Protein Array - Anti-NOC4L antibody [PCRP-NOC4L-1E3] (ab277096)

Analysis of Protein Array containing more than 19,000 full-length human proteins using ab277096.

Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.

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

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