

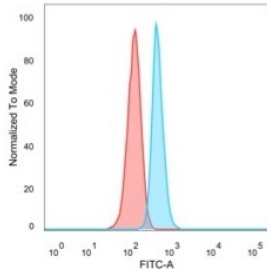
Anti-NOC4L Antibody [PCRP-NOC4L-1E3] (A250368)

Specifications:

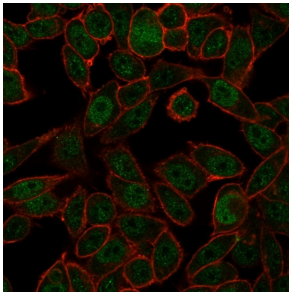
Name:	Anti-NOC4L Antibody [PCRP-NOC4L-1E3]
Description:	Mouse monoclonal [PCRP-NOC4L-1E3] antibody to NOC4L.
Specificity:	Treg activation is critical for maintaining self-tolerance, but the translational control of this process is still poorly understood. Zhu et al. report a conserved ribosome biogenesis factor, Noc4L, that regulates mRNAs related to Treg and Tconv activation but does not affect global protein translation. Noc4L regulates translation of mRNAs related to Treg activation. Noc4L plays critical roles in activation of Tregs and Tconvs. Noc4L-mediated ribosome biogenesis is critical in controlling the activation of Tregs and maintaining immune tolerance. [Zhu et al., 2019, Cell Reports 27, 1205 1220.]
Applications:	Flow Cytometry, IF
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant full-length human NOC4L protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-NOC4L-1E3
Isotype:	IgG1
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-NOC4L Antibody [PCRP-NOC4L-1E3] - BSA and Azide free (A253548).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

Anti-NOC4L Antibody [PCRP-NOC4L-1E3] (A250368)

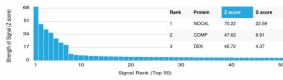
Images:



Flow cytometric analysis of PFA fixed HeLa cells using Anti-NOC4L Antibody [PCRP-NOC4L-1E3] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Unstained cells (red).



Immunofluorescent analysis of PFA fixed HeLa cells stained with Anti-NOC4L Antibody [PCRP-NOC4L-1E3] followed by Goat Anti-Mouse IgG (CF® 488) (Green). Counterstain is Phalloidin (Red).



Analysis of protein array containing more than 19,000 full-length human proteins using Anti-NOC4L Antibody [PCRP-NOC4L-1E3]. Z-Score 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 be 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.