

Product Datasheet

MYOG Antibody (orb1410087)

Catalog Number	orb1410087
Category	Antibodies
Description	Mouse monoclonal antibody to Myogenin
Target	MYOG
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2b
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Purification	Protein A
Immunogen	Human myogenin recombinant protein
UniProt ID	P15173
MW	34kDa
Tested applications	ELISA, FC, IF, WB
Clone Number	PCRP-MYOG-1C5
Expression System	Bioreactor

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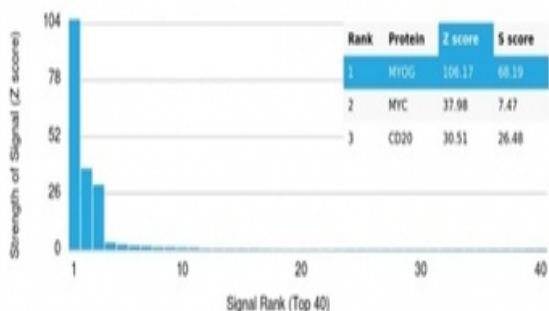
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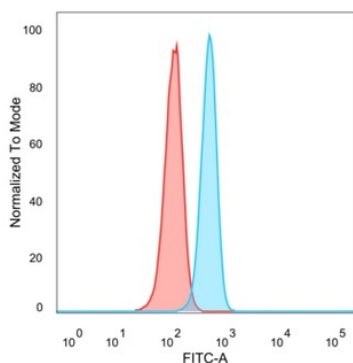
Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only

Expiration Date 12 months from date of receipt.



Analysis of Protein Array containing more than 19000 full-length human proteins using Myogenin Mouse Monoclonal Antibody (PCR-P-MYOG-1C5). 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.



Flow cytometric analysis of PFA-fixed HeLa cells. Myogenin Mouse Monoclonal Antibody (PCR-P-MYOG-1C5) followed by goat anti-mouse IgG-CF488 (blue); isotype control (red).

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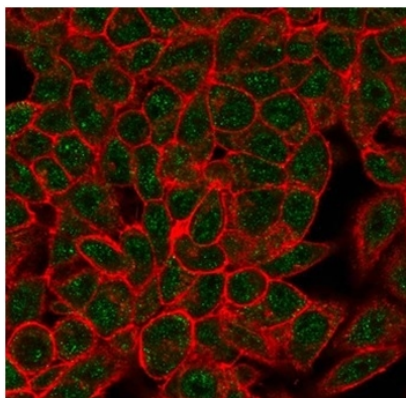
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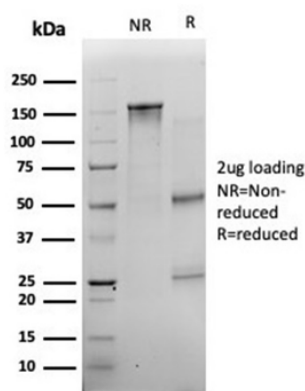
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Immunofluorescence Analysis of PFA-fixed HeLa cells stained using Myogenin Mouse Monoclonal Antibody (PCR-P-MYOG-1C5) followed by goat anti-mouse IgG-CF488 (green). CF640A phalloidin (red).



Immunofluorescence Analysis of PFA-fixed HeLa cells stained using Myogenin Mouse Monoclonal Antibody (PCR-P-MYOG-1C5) followed by goat anti-mouse IgG-CF488 (green). CF640A phalloidin (red).

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