

Product Datasheet

MED21 Antibody / SRB7 (orb1151662)

Catalog Number	orb1151662
Category	Antibodies
Description	Mouse monoclonal antibody to MED21
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
Purification	Protein A/G affinity
Immunogen	Recombinant full-length human MED21 protein was used as the immunogen for the MED21 antibody.
UniProt ID	Q13503
Tested applications	ELISA, FACS, IF, WB
Dilution range	ELISA (order BSA-free format for coating),Flow cytometry: 1-2ug/million cells,Immunofluorescence: 1-2ug/ml,Western blot: 1-2ug/ml
Application notes	Optimal dilution of the MED21 antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	PCRP-MED21-4B5

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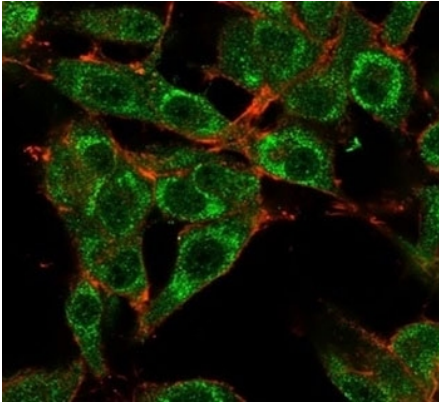
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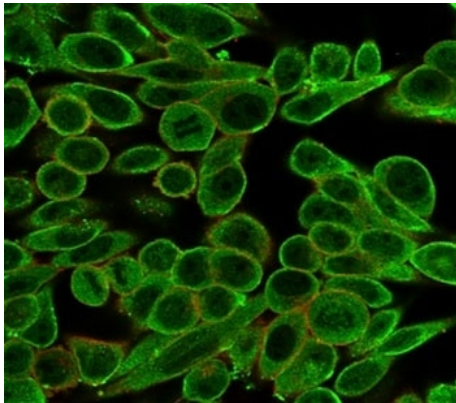
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Immunofluorescent staining of PFA-fixed human U-87 cells using MED21 antibody (green, clone PCR-P-MED21-4B5) and phalloidin (red).



Immunofluorescent staining of PFA-fixed human HeLa cells using MED21 antibody (green, clone PCR-P-MED21-4B5) and phalloidin (red).

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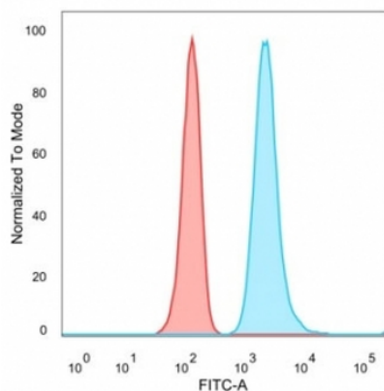
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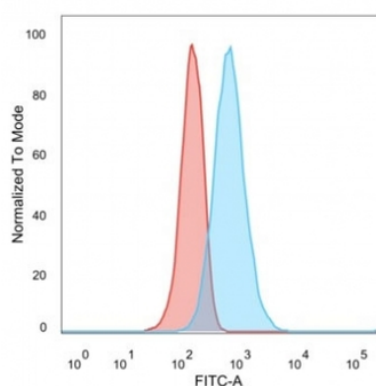
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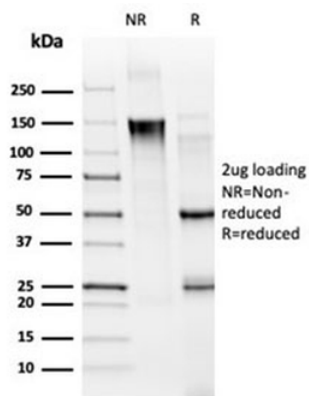
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FACS staining of PFA-fixed human HeLa cells with MED21 antibody (blue, clone PCR-P-MED21-4B5), and unstained cells (red).



FACS staining of PFA-fixed human U-87 cells with MED21 antibody (blue, clone PCR-P-MED21-4B5), and unstained cells (red).



SDS-PAGE analysis of purified, BSA-free MED21 antibody (clone PCR-P-MED21-4B5) as confirmation of integrity and purity.

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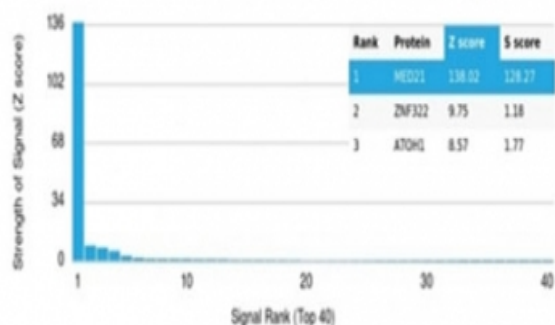
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Human Protein Microarray Specificity Validation



Analysis of HuProt (TM) microarray containing more than 19000 full-length human proteins using MED21 antibody (clone PCRPMED21-4B5). These results demonstrate the foremost specificity of the PCRPMED21-4B5 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt (TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt (TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

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