

Anti-NFIA Antibody [PCRP-NFIA-2C6] - BSA and Azide free (A278312)

Specifications:

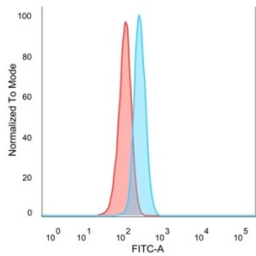
Name:	Anti-NFIA Antibody [PCRP-NFIA-2C6] - BSA and Azide free
Description:	Mouse monoclonal [PCRP-NFIA-2C6] antibody to NFIA.
Specificity:	NF-1, also designated CTF, consists of a family of CCAAT-box-binding proteins that stimulate DNA replication and activate transcription. Analysis of human NF-1 messenger RNA has revealed two forms of the NF-1 protein arising from an alternate splicing of a single NF-1 gene. NF-1 binds its consensus DNA element as a homodimer via an amino-terminal DNA-binding domain, and activates transcription through a putatively novel, proline-rich, carboxy-terminal transactivation domain. The NF-1 protein has been shown to recognize and bind the adenovirus type 2 promoter and activate transcription of herpes simplex virus thymidine kinase genes. The NF-1 consensus element has been found in the upstream promoter region of myriad eukaryotic genes, including that of Ha-Ras, β -globin, HSP 70, GRP 78, Histone H1, myelin basic protein and in the <i>Xenopus laevis</i> vitellogenin gene promoter.
Applications:	IP, Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	IP: 1-2 μ g / 100-500 μ g proteins, Flow Cytometry: 1-2 μ g/million cells, IF: 1-2 μ g/ml, WB: 1-2 μ g/ml, IHC-P: 1-2 μ g/ml
Reactivity:	Human, Mouse, Rat
Immunogen:	Recombinant fragment corresponding to the protein domain of human NFIA.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-NFIA-2C6
Isotype:	IgG2c
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
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 with BSA and Sodium Azide - Anti-NFIA Antibody [PCRP-NFIA-2C6] (A277724).

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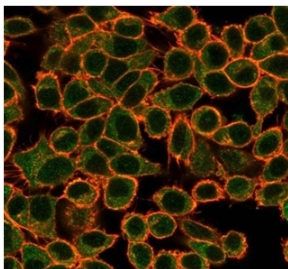
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

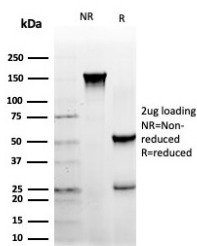
Images:



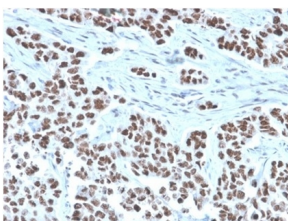
Flow cytometric analysis of PFA-fixed HeLa cells using Anti-NFIA Antibody [PCRP-NFIA-2C6] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Isotype Control (Red).



Immunofluorescent analysis of PFA-fixed HeLa cells stained with Anti-NFIA Antibody [PCRP-NFIA-2C6] followed by Goat Anti-Mouse IgG (CF® 488) (Green). CF® 640A Phalloidin (Red).



SDS-PAGE analysis of Anti-NFIA Antibody [PCRP-NFIA-2C6] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human lung tissue using Anti-NFIA Antibody [PCRP-NFIA-2C6].