

## Product datasheet for **CF504539**

### NANP Mouse Monoclonal Antibody [Clone ID: OTI4D11]

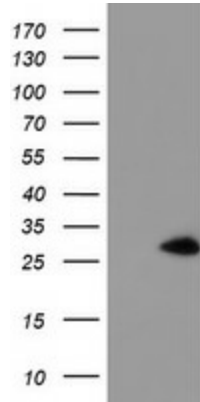
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4D11
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:500~2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NANP(NP_689880) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	27.6 kDa
Gene Name:	N-acetylneuraminic acid phosphatase
Database Link:	<a href="#">NP_689880</a> <a href="#">Entrez Gene 67311 Mouse</a> <a href="#">Entrez Gene 311530 Rat</a> <a href="#">Entrez Gene 140838 Human</a> <a href="#">Q8TBE9</a>
Synonyms:	C20orf147; dj694B14.3; HDHD4
Protein Pathways:	Amino sugar and nucleotide sugar metabolism, Metabolic pathways

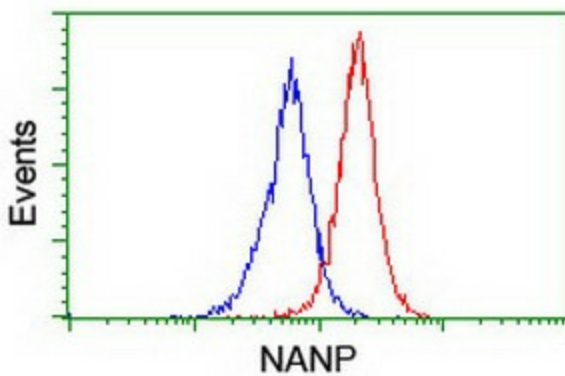


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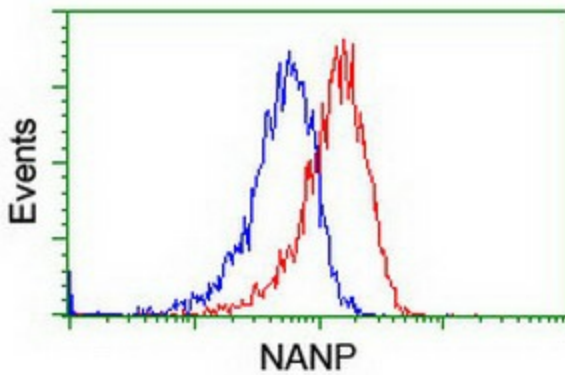
Product images:



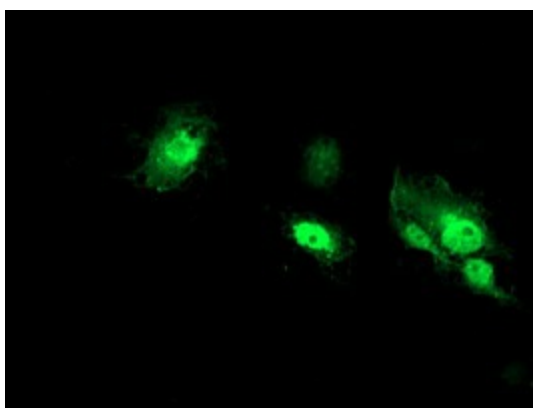
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NANP (Cat# [RC205503], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NANP (Cat# [TA504539]). Positive lysates [LY407388] (100ug) and [LC407388] (20ug) can be purchased separately from OriGene.



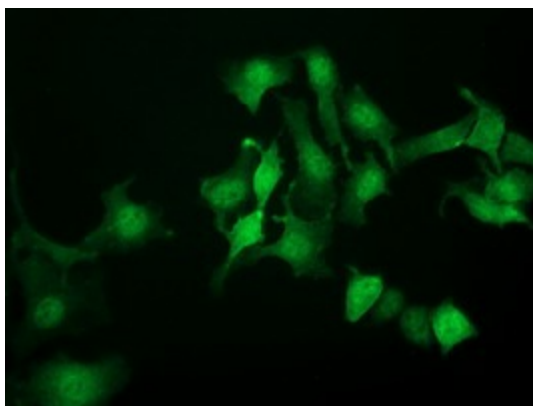
Flow cytometric Analysis of Jurkat cells, using anti-NANP antibody ([TA504539]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of HeLa cells, using anti-NANP antibody ([TA504539]), (Red), compared to a nonspecific negative control antibody, (Blue).



Anti-NANP mouse monoclonal antibody ([TA504539]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NANP ([RC205503]).



Immunofluorescent staining of HeLa cells using anti-NANP mouse monoclonal antibody ([TA504539]).