

## Product datasheet for **TA504539**

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

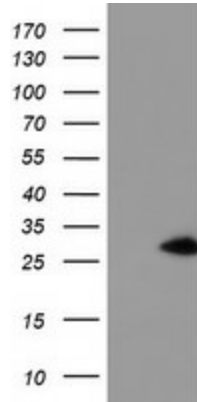
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4D11
<b>Applications:</b>	FC, IF, WB
<b>Recommended Dilution:</b>	WB 1:500~2000, IF 1:100, FLOW 1:100
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human NANP(NP_689880) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
<b>Concentration:</b>	1.35 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	27.6 kDa
<b>Gene Name:</b>	N-acetylneuraminic acid phosphatase
<b>Database Link:</b>	<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>
<b>Synonyms:</b>	C20orf147; dj694B14.3; HDHD4
<b>Protein Pathways:</b>	Amino sugar and nucleotide sugar metabolism, Metabolic pathways

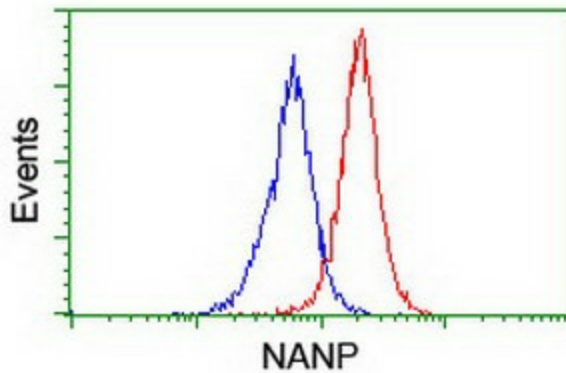


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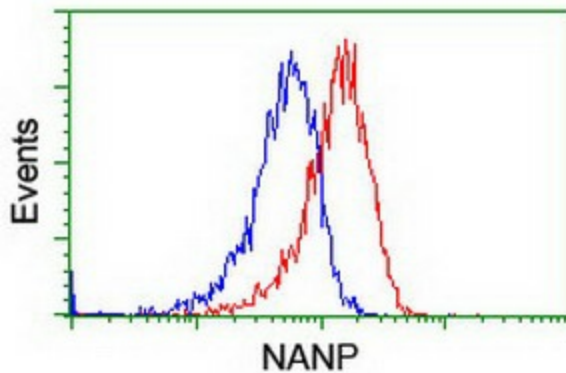
**Product images:**



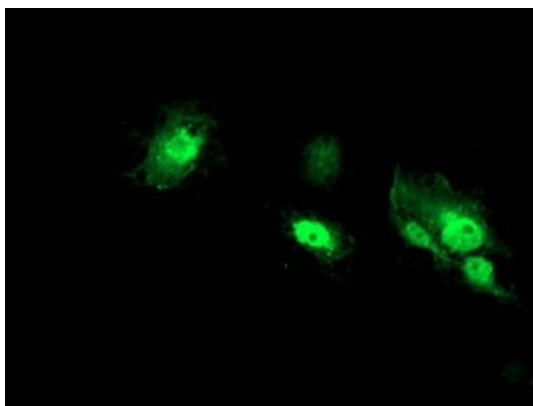
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NANP (Cat# [RC205503], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NANP(Cat# TA504539). Positive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



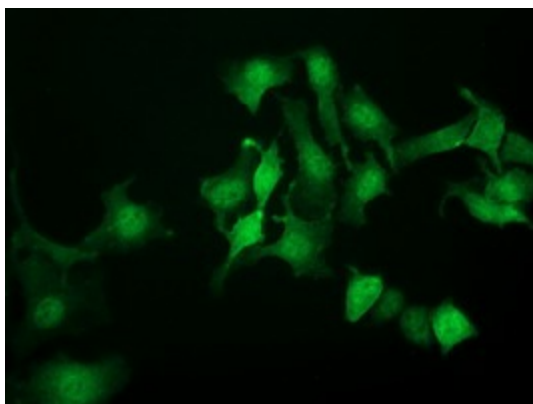
Flow cytometric Analysis of Jurkat cells, using anti-NANP antibody (TA504539), (Red), compared to a nonspecific negative control antibody, (Blue).



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).