

小鼠抗 NANP 单克隆抗体

中文名称: 小鼠抗 NANP 单克隆抗体

英文名称: Anti-NANP mouse monoclonal antibody

别名: C2Oorf147; dJ694B14.3; HDHD4

储存: 冷冻 (-20℃) 避光

抗原: NANP

宿主: Mouse

反应种属: Human

相关类别: 一抗

标记物: Unconjugate

克隆类型: mouse monoclonal

技术规格

Background:

Sialic acids are a family of 9-carbon 2-keto-3-deoxy sugars that are found on the ends of glycoproteins and glycolipids and play important roles in recognition events within the cell. Playing an important role in cell-cell and protein-protein recognition, N-acetylneuraminic acid is the main form of sialic acid in vertebrates. NANP (N-acetylneuraminic acid-9-phosphatase), also known as HDHD4 (Haloacid dehalogenase-like hydrolase domain-containing protein 4), is a 248 amino acid protein that belongs to the haloacid dehalogenase (HAD) family and is responsible for dephosphorylating Neu5Ac-9-phosphate to form N-acetylneuraminic acid. Characteristic of the HAD phosphatase family, the catalytic activity of NANP is dependent upon the presence of magnesium and is inhibited

	d by vanadate and calcium.
Applications:	WB, IHC
Name of antibody:	NANP
Immunogen:	Fusion protein of human NANP
Full name:	N-acetylneuraminic acid phosphatase (NANP)
Synonyms:	C20orf147; dJ694B14.3; HDHD4
SwissProt:	Q8TBE9
IHC positive control:	human prostate tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	28 kDa
WB Positive control:	Jurkat cell lysate
WB Recommended dilution:	500-2000