

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: C20orf147; 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 f

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| | form N-acetylneuraminate. Characteristic of the HAD phosphatase family, the catalytic activity of NANP is dependent upon the presence of magnesium and is inhibited 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 |