

32-5994: Mouse Anti Human N-Acetylglucosamine Kinase(Clone:P4D12AT.)

Clonality :	Monoclonal
Clone Name :	P4D12AT.
Application :	ELISA,WB
Gene :	SDCBP
Gene ID :	6386
Uniprot ID :	O00560
Format :	Purified
Alternative Name :	N-acetyl-D-glucosamine kinase,N-acetylglucosamine kinase,GlcNAc kinase,NAGK.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human NAGK mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human NAGK amino acids 1-344 purified from E. coli.

Description

N-Acetylglucosamine Kinase (NAGK) is a part of the eukaryotic-type N-acetylglucosamine kinase family. NAGK transforms endogenous N-acetylglucosamine (GlcNAc), a main component of complex carbohydrates, from lysosomal degradation or nutritional sources into GlcNAc 6-phosphate. NAGK is a significant salvage enzyme of amino sugar metabolism in mammals which has ManNAc kinase activity.

Product Info

Amount :	20 µg
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

NAGK antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000.