
Product Name: GNE Rabbit Monoclonal Antibody**Catalog #: AMRe84047**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,ICC 1:50-1:200
Molecular Weight	Calculated MW: 79 kDa ; Observed MW: 75 kDa

Antigen Information

Gene Name	GNE
Alternative Names	DMRV; GNE; IBM2; ManAc kinase; Uae1;;GNE
Gene ID	
SwissProt ID	Q9Y223
Immunogen	A synthesized peptide derived from human GNE

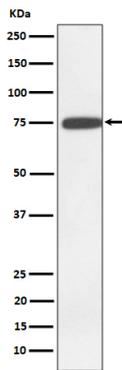
Background

Bifunctional enzyme that possesses both UDP-N-acetylglucosamine 2-epimerase and N-acetylmannosamine kinase activities, and serves as the initiator of the biosynthetic pathway leading to the production of N-acetylneuraminic acid (NeuAc), a critical

precursor in the synthesis of sialic acids. By catalyzing this pivotal and rate-limiting step in sialic acid biosynthesis, this enzyme assumes a pivotal role in governing the regulation of cell surface sialylation.

Research Area

Image Data



Western blot analysis of GNE expression in K562 cell lysate.