

Anti-MYL9 Antibody (4N332)

Product Details

Ig Type:	Human IgG2
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	4N332
Purification:	Affinity-chromatography

Applications

Verified Activity:	1. The Binding Activity of Human MYL9 with Anti-MYL9 recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human MYL9 at 2 µg/mL can bind Anti-MYL9 recombinant antibody, the EC50 is 4.628-6.430 ng/mL.
	2. The Binding Activity of Human MYL12B with Anti-MYL9 recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human MYL12B at 2 µg/mL can bind Anti-MYL9 recombinant antibody, the EC50 is 7.760-8.646 ng/mL.
	3. The Binding Activity of Human MYL12A with Anti-MYL9 recombinant antibody Activity: Measured by its binding ability in a functional ELISA. Immobilized Human MYL12A at 2 µg/mL can bind Anti-MYL9 recombinant antibody, the EC50 is 5.325-6.456 ng/mL.
Application:	ELISA

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human MYL9 Protein
Antigen Species:	Human
Gene ID:	10398
Uniprot ID:	P24844
Biology Area:	Cardiovascular, Signal transduction, Stem cells

Research Background

Myosin regulatory subunit that plays an important role in regulation of both smooth muscle and nonmuscle cell contractile activity via its phosphorylation. Implicated in cytokinesis, receptor capping, and cell locomotion. In myoblasts, may regulate PIEZO1-dependent cortical actomyosin assembly involved in myotube formation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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