

APLN monoclonal antibody (M04), clone 2B6

Catalog # H00008862-M04

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant APLN.
Immunogen	APLN (AAH21104, 1 a.a. ~ 77 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNLRLCVQALLLLWLSLTAVCGGSLMPLPDGNGLEDGNVRHLVQPRGSRNGPGPWQGGRRKF RRQRPRLSHKGPMPPF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (81)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — APLN

Entrez GeneID	8862
GeneBank Accession#	BC021104

Protein Accession#	AAH21104
Gene Name	APLN
Gene Alias	XNPEP2
Gene Description	apelin
Omim ID	300297
Gene Ontology	Hyperlink
Gene Summary	Apelin is a neuropeptide expressed in the supraoptic and paraventricular nuclei that acts on specific receptors located on vasopressinergic neurons (De Mota et al., 2004) [PubMed 15231996]. [supplied by OMIM]
Other Designations	apelin, AGTRL1 ligand peptide ligand for APJ receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Hypertension](#)