

Anti-PEPD Antibody (4V639)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 55 kDa. Actual: 55 kDa.
Clone:	4V639
Purification:	Protein A purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with PEPD monoclonal antibody, unconjugated (TMAB-10174) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human X Pro dipeptidase
Antigen Species:	Human
Gene ID:	5184
Uniprot ID:	P12955

Research Background

Dipeptidase that catalyzes the hydrolysis of dipeptides with a prolyl (Xaa-Pro) or hydroxyprolyl residue in the C-terminal position. The preferred dipeptide substrate is Gly-Pro, but other Xaa-Pro dipeptides, such as Ala-Pro, Met-Pro, Phe-Pro, Val-Pro and Leu-Pro, can be cleaved. Plays an important role in collagen metabolism because the high level of iminoacids in collagen.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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