

Anti-Midkine Antibody (2L355)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 16 kDa. Actual: 16 kDa.
Clone:	2L355
Purification:	Protein A purified

Applications

Verified Activity:	<ol style="list-style-type: none">1. Western blot analysis of Midkine Recombinant protein. Using Midkine (TMAB-08813) monoclonal antibody at 1: 1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.2. Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Midkine Monoclonal Antibody, Unconjugated (TMAB-08813) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.3. Paraformaldehyde-fixed, paraffin embedded Human Pancreatic Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Midkine Monoclonal Antibody, Unconjugated (TMAB-08813) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.
Application:	ICC/IF,IF,IHC-Fr,IHC-P,IP,WB
Recommended	ICC/IF=1:50-200; IF=1:100-500; IHC-Fr=1:100-500; IHC-P=1:100-500; IP=1:20-50; WB=1:1000-2000

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 Midkine
Antigen Species:	Human
Gene ID:	4192
Uniprot ID:	P21741

Research Background

Midkine, or MK, is a heparin-binding molecule involved in the regulation of growth and differentiation during embryogenesis. MK expression is tightly regulated during embryonic development by steroid receptors of the retinoic acid superfamily. The mature human MK protein is 118 amino acids in length and contains five intrachain disulfide bonds. MK is a non-glycosylated protein that shows greater than 87% identity between human and mouse.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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