

CCK-4 Mouse mAb

CatalogNo: YM0098

| Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- WB,IHC,IF,ELISA

MW

- 118kD (Calculated)

| Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:200-1:1000

ELISA 1:10000

IF 1:50-200

| Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality Monoclonal

| Immunogen Information

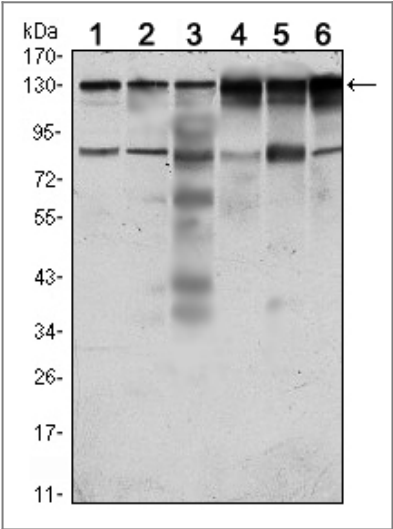
Immunogen Purified recombinant fragment of human CCK-4 expressed in E. Coli.

Specificity CCK-4 Monoclonal Antibody detects endogenous levels of CCK-4 protein.

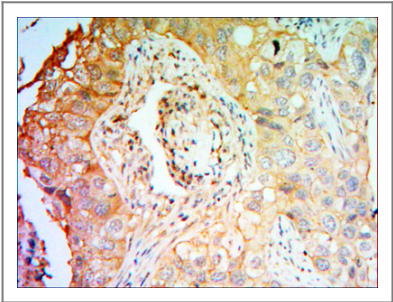
| Target Information

Gene name	PTK7		
Protein Name	Inactive tyrosine-protein kinase 7		
	Organism	Gene ID	UniProt ID
	Human	5754;	Q13308;
	Mouse		Q8BKG3;
Cellular Localization	Membrane ; Single-pass type I membrane protein . Cell junction . Colocalizes with MMP14 at cell junctions. Also localizes at the leading edge of migrating cells.		
Tissue specificity	Highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes. Weakly expressed in thyroid gland, ovary, brain, heart and skeletal muscle. Also expressed in erythroleukemia cells. But not expressed in colon.		
Function	Function:May function as a cell adhesion molecule that acts as a regulator of planar cell polarity. Seems to lack tyrosine-protein kinase activity.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase family. Insulin receptor subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 7 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes. Weakly expressed in thyroid gland, ovary, brain, heart and skeletal muscle. Also expressed in erythroleukemia cells. But not expressed in colon.,		

Validation Data



Western Blot analysis using CCK-4 Monoclonal Antibody against HeLa (1), A431 (2), HCT116 (3), Caco2 (4), HepG2 (5) and MCF-7 (6) cell lysate.



Immunohistochemistry analysis of paraffin-embedded lung cancer tissues with DAB staining using CCK-4 Monoclonal Antibody.

| Contact information

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Please scan the QR code
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product information:
CCK-4 Mouse mAb

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