anti- PKM antibody

Product Information

Catalog No.:	FNab06493
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Glycolytic enzyme that catalyzes the transfer of a phosphoryl group from phosphoenolpyruvate(PEP) to ADP, generating ATP. Stimulates POU5F1-mediated transcriptional activation.Plays a general role in caspase independent cell death of tumor cells. The ratio betwween the highly active tetrameric form and nearly inactive dimeric form determines whether glucose carbons are channeled to biosynthetic processes or used for glycolytic ATP production. The transition between the 2 forms contributes to the control of glycolysis and is important for tumor cell proliferation and survival.

Immunogen information

Immunogen:	PKM2 pyruvate kinase, muscle
Synonyms:	OIP3, PK2, PK3, PKM2
Observed MW:	58 kDa
UniprotID :	P14618

Application

Reactivity:	Human, Mouse

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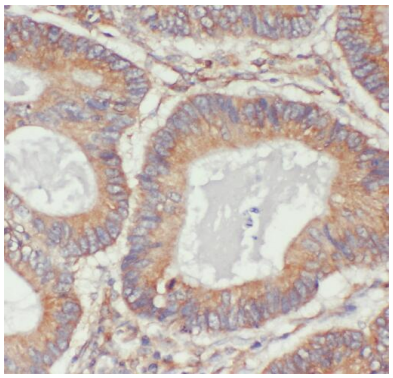
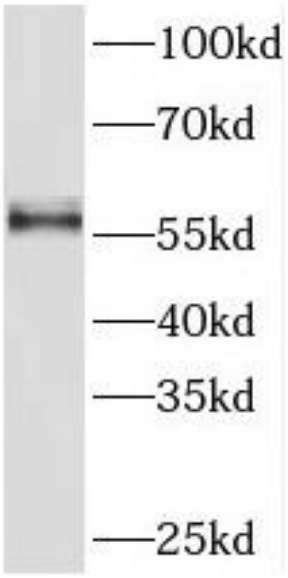
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human colon cancer using FNab06492(PKM antibody) at dilution of 1:50



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab06493(PKM antibody) at dilution of 1:1000

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