Ablumir
Built Around Immunology

Anti-PKM Rabbit mAb [95E56]

Catalog No.: A52278

Basic Information

Catalog No. (Cat.No.)	A52278
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	PKM,Pyruvate kinase M1/M2,PK-M2,PKM2

Product Information

Target	PKM
Molecular Weight(Calculated)	57 kDa
Molecular Weight(Observed)	57 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	95E56
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

Ablumir
Built Around Immunology

Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Pyruvate kinase M2
Gene Name	*PKM*
Domain	NA
Background	PKM (Pyruvate kinase M) represents alternatively spliced isoforms of pyruvate kinase M family catalyzing final glycolytic step and governing cancer metabolic reprogramming. Alternative splicing yields PKM1 and PKM2. Tetrameric PKM1 exhibits high catalytic activity and drives glycolysis in differentiated normal tissues. PKM2 toggles between tetramer and dimer conformations; low-activity dimeric PKM2 accumulates in tumor cells and underpins Warburg effect. Beyond glycolytic catalysis, nuclear-translocated PKM2 acts as transcriptional co-regulator for proliferative genes. Tumors undergo isoform-switch toward PKM2 to sustain rapid growth.