



TGM4 Monoclonal Antibody

Catalog No	YP-mAb-05995
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	TGM4
Protein Name	Protein-glutamine gamma-glutamyltransferase 4 (EC 2.3.2.13) (Fibrinoligase) (Prostate transglutaminase) (Prostate-specific transglutaminase) (Transglutaminase P) (TG(P)) (TGP) (TGase P) (Transglutaminase P)
Immunogen	Synthesized peptide derived from human protein . at AA range: 160-240
Specificity	TGM4 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	75kD
Cell Pathway	cytoplasm,Golgi apparatus,integral component of membrane,extracellular matrix,extracellular exosome,
Tissue Specificity	Prostate.
Function	catalytic activity:Protein glutamine + alkylamine = protein N(5)-alkylglutamine + NH(3).,cofactor: Binds 1 calcium ion per subunit.,function:Associated with the mammalian reproductive process. Catalyzes the cross-linking of proteins and the conjugation of polyamines to specific proteins in the seminal tract.,similarity:Belongs to the transglutaminase superfamily. Transglutaminase family.,subunit:Homodimer.,tissue specificity:Prostate.,
Background	catalytic activity:Protein glutamine + alkylamine = protein N(5)-alkylglutamine + NH(3).,cofactor: Binds 1 calcium ion per subunit.,function:Associated with the mammalian reproductive process. Catalyzes the cross-linking of proteins and the conjugation of polyamines to specific proteins in the seminal tract.,similarity:Belongs to the transglutaminase superfamily. Transglutaminase family.,subunit:Homodimer.,tissue specificity:Prostate.,

**matters needing attention**

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images