

Product datasheet for **AM10223PU-N**

Transglutaminase-2 Mouse Monoclonal Antibody [Clone ID: 7D2]

Product data:

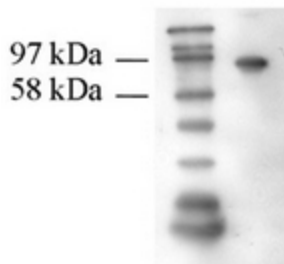
Product Type:	Primary Antibodies
Clone Name:	7D2
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/200-1/1000. Immunohistochemistry: 1/100-1/500.
Reactivity:	Guinea Pig, Human
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	Purified Transglutaminase 2 from Guinea Pig liver
Specificity:	Reacts with Guinea Pig TGM2 protein. React in liver and blood cells (erythrocytes). Also reacts with recombinant Human tissue Transglutaminase (rh-TGase-2)
Formulation:	0.1M Tris, 0.1M Glycine and 2% Sucrose State: Purified State: Lyophilized purified antibody Preservative: None
Reconstitution Method:	Restore in distilled water.
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Database Link:	P08587



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Background:

Transglutaminase II catalyzes calcium-dependent post-translational modification of proteins by formation of an isopeptide bond within or between polypeptide chains. It is also known as TGC, tTG, type II-, Gh, cytosolic-, liver-, endothelial-, erythrocyte-, cellular-transglutaminase. Different tissues and cell types express varying amounts of tissue transglutaminase with a markedly high expression in rheumatoid lesions. It is implicated in programmed cell death, signal transduction, drug-resistance, cell growth, endocytosis, insulin secretion, cell adhesion, cataract formation, and wound healing.

Product images:

Western Blot (10% gel) with Transglutaminase-2 antibody Cat.-NoAM10223PU-N