

Product Data Sheet



Product number **A145**
Revision number **RN3.0**

Product Name	Polyclonal antibody to microbial (bacterial) transglutaminase
Purification	Rabbit anti-bacterial transglutaminase IgG fraction. The IgG fraction was purified by Protein-A affinity chromatography from rabbit antiserum.
Host	Rabbit
Rabbit number	SY7957
Immunogen	Microbial (bacterial) transglutaminase (full length protein) from <i>Streptomyces mobaraensis</i> recombinantly produced in <i>E. coli</i> .
Amount	200 µg protein A-purified IgG
Specificity	Antibody reacts specifically with microbial (bacterial) transglutaminase and Protransglutaminase from <i>Streptomyces mobaraensis</i> in native or denatured form.
Appearance	White lyophilized solid.
Formulation	The antibody is lyophilized from 200 µL PBS pH 7.2, 2 mg/mL human serum albumin, azide free.
Reconstitution	Add at least the volume of H ₂ O the antibody is lyophilized from to the vial of lyophilized powder (see Certificate of Analysis: Aliquotation). Rotate vial gently until solid dissolves. After reconstitution, the solution should be stored frozen in working aliquots.
Working dilutions	Optimal dilutions should be determined by the end user. E. g. for Western-Blotting: 1 / 500 to 1 / 5,000 should be suitable
Storage	Stable for a minimum of 5 years at –20°C as lyophilized powder. <i>Delivery at ambient temperature is possible</i>
Reference(s)	Stricker et al., J. Pediatr. Gastroenterol. Nutr. 2019, 68:e43-e50 Kaufmann et al., Food Addit. Contam.: Part A 2012, 29:1364-73; Schloegl et al., Eur. J. Pharm. Biopharm. 2012, 80:282-8
Related products	T300: Andracon™ – Recombinant Microbial Transglutaminase T016: Bacterial Pro-transglutmainase T255: Microbial transglutaminase with C-terminal His ₆ -Tag C102: MTG-Blocker M001: MTG-ANiTA-KIT Z009: ZediXclusive Microbial Transglutaminase Assay Kit E021: Microbial Transglutaminase (MTG) ELISA A143 and A144: Monoclonal antibody to microbial transglutaminase
Release date	11 July 2023
NOTE	INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.