

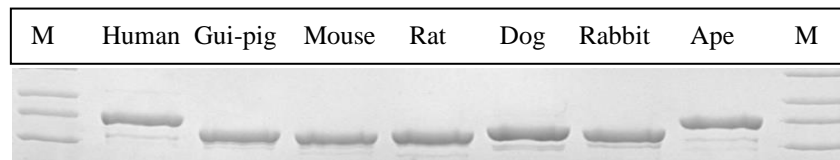
Product Data Sheet



Product number **A072**
Revision number **RN4.0**

Product Name Polyclonal antibody to **mouse** tissue transglutaminase (mTG2)
Host Rabbit
Immunogen Mouse tissue transglutaminase (full length protein with N-terminal hexahistidin-tag) recombinantly produced in *E. coli*.
Amount 200 µg IgG (Protein A purified)
Formulation The antibody is lyophilized from 155 µL 0.05 M Na-Phosphate buffer pH 8, 0.075 M NaCl, 2 mg/mL human serum albumin, azide free.
Specificity Cross-reactivity of A072 to recombinant tissue transglutaminases from various animal species

A: Coomassie -Stain



B: A072 Western blot

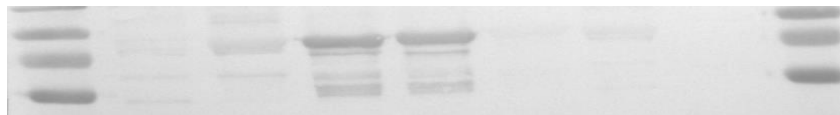


Figure 1: Equal amounts (2 µg protein per lane respectively) of tissue transglutaminase from various species (human, guinea pig, mouse, rat, dog, rabbit and macaque ape) were analysed by A: SDS-PAGE-Gel (staining with coomassie brilliant blue) and B: western blot. A072 (dilution 1 / 1000) recognizes mouse TG2 and cross reacts with rat TG2. Mild cross reactivity is given for guinea pig TG2.

Application Western-Blotting, immuno-fluorescence, immuno-histochemistry.

Working dilutions Optimal dilutions should be determined by the end user.
E. g. for Western-Blotting: 1 / 1000 to 1 / 5000 should be suitable

Storage Stable for a minimum of 2 years at -20°C as lyophilized powder

Delivery is possible at ambient temperature

Related products T040 Mouse tissue transglutaminase

Release date 04 May 2022

NOTE INTENDED FOR RESEARCH USE ONLY, NOT FOR USE IN HUMAN, THERAPEUTIC OR DIAGNOSTIC APPLICATIONS.