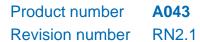
Product Data Sheet





Product Name Monoclonal antibody to human TG1 (clone XTG51)

Host Mouse

Clone XTG51
Isotype IgG2b

Immunogen Human keratinocyte transglutaminase (full length protein with N-terminal hexahistidin-tag)

recombinantly produced in insect cells

Specificity Mouse monoclonal antibody is specific for TG1. It does not cross-react with other human

transglutaminases.

Specificity of A043 was determined in western blotting with human transglutaminases

(TG1 - TG7, FXIII).

Description The IgG fraction was purified by ion exchange chromatography.

Appearance Liquid.

Formulation 75 mM NaCl, 5 mM Tris, pH7.5, 0.025% sodium azide, 50% glycerol.

Application Western-Blotting, Immunofluorescence.

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 Store at -80°C.

If storage at -80°C is not possible, storage at ≤ -20°C is recommended.

Stable for short term at +4°C.

Delivery is possible at ambient temperature.

Related products T035: Human keratinocyte transglutaminase (TG1)

Release date 01 February 2022

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

DIAGNOSTIC APPLICATIONS.