



TECHNICAL DATA SHEET

Purified Human Fc Monoclonal Antibody

PRODUCT DESCRIPTION	Anti-tissue transglutaminase monoclonal antibody, IgA, clone G4A9, purified
PRODUCT RANGE	Allergy, food intolerance & other
REFERENCE	30014 (former BCD-134-TTG-A-C1)
DESIGN/DEVELOPMENT	After immunization of Hamiga® mouse, a transgenic mouse whose sequence for the Ig heavy chain constant region is replaced by a human IgA sequence, a hybridoma cell line has been established.
ANTIGEN OF IMMUNISATION	Human recombinant tissue transglutaminase (t-TG) (operon; #2.100.RRR.00.000 - #210005050000)
PURIFICATION	Purification from hybridoma culture supernatant by affinity chromatography
BUFFER	PBS
PRESERVATIVES	0.02% Sodium Azide
STORAGE	Between + 2°C and + 8 °C or aliquot and store frozen Avoid repeated freeze/thaw cycles
EXPIRY DATE	<i>Please see batch COA</i>
SAFETY STATEMENT	Noninfectious – biological product from <i>in vitro</i> production
CONCENTRATION	<i>Please see batch COA</i>
IMMUNO-REACTIVITY (NON-EXHAUSTIVE)	Validated by ELISA
RECOMMENDED USE	<p>Product for research or further manufacturing use only.</p> <p>Suitable for ELISA (manual or automated). Please try the sample diluted 100 time then dilute it sequentially by a factor of 2 (i.e., 1/200, 1/400, 1/800, etc).</p> <p>Suitable for automated systems. Please try the sample diluted 10 time then dilute it sequentially by a factor of 2 (i.e., 1/20, 1/40, 1/80, etc).</p>

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