



Human Anti-Human Tissue transglutaminase Chimeric Monoclonal Antibody, clone C7G4 (CABT-Z515H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This human chimeric monoclonal antibody is produced in transgenic mouse strains in which the sequence for mouse IgG3 Fc region is substituted with the human sequence. Available under purified or cell culture supernatant form.
Immunogen	Human tissue transglutaminase.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	C7G4
Purification	Unpurified
Conjugate	Unconjugated
Applications	ELISA
Preparation	This antibody is obtained from hybridomas developed by mice immunization with tissue transglutaminase.
Format	Liquid
Size	100 µg
Preservative	None

Storage	Store at 2-8°C.
Ship	Wet ice

BACKGROUND

Introduction	Tissue transglutaminase (tTG) is a enzyme released from cells during inflammation. tTG is suggested to exert at least two crucial roles in celiac disease: as a deamidating enzyme, that can enhance the immunostimulatory effect of gluten, and as a target autoantigen in the immune response.
Keywords	TGM2;transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase);protein-glutamine gamma-glutamyltransferase 2;TGC;TG(C);TGase C;tTG
