



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

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| 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 |

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| Storage | Store at 2-8°C. |
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| Ship | Wet ice |
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BACKGROUND

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| 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. |
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| Keywords | TGM2;transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase);protein-glutamine gamma-glutamyltransferase 2;TGC;TG(C);TGase C;tTG |
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