

IGG MONOCLONAL ANTIBODIES TO ENTEROCOCCUS FAECALIS GELATINASE

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Monoclonal antibodies against *E. faecalis gelatinase* developed as a treatment for Crohn's disease. *E. faecalis* secretes many proteins into the gastrointestinal environment - such as Gelatinase (GelE). GelE degrades several proteins including gelatin, collagen, hemoglobin, and bioactive peptides. Two murine monoclonal antibodies (mAb 6H3 and mAb 8A3) neutralize GelE in a dose-dependent manner and are able to block inflammation in a cell culture system.