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36-3705: Anti-E. coli O157 Monoclonal Antibody(Clone: 9.88)

Clonality :	Monoclonal
Clone Name :	9.88
Application :	ELISA,IF
Alternative Name :	E. coli O157
Isotype :	Mouse IgM, kappa
Immunogen Information :	A crude sonicate of E. coli O157

Description

This MAb shows specificity to E.coli O157 in a simple ELISA. Escherichia coliare Gram negative bacterium that are commonly found in the lower intestine of warm-blooded organisms (endotherms). Their serological types are determined in combination with somatic antigens (O group: O1-O173) and flagella antigens (H type: H1-H56). TheE. colithat cause intestinal infectious diseases including diarrhea, acute gastritis or colitis are referred to as pathogenicE. coli, which are classified into the following 4 groups according to differences in the mode of pathogenicity; enteropathogenicE. coli(EPEC), enteroinvasiveE. coli(EIEC), enterotoxigenicE. coli(ETEC) and enterohemorrhagicE. coli(EHEC). AlthoÂµgh the identification of pathogenicE. colirequires verification of their pathogenicity, pathogenicE. colioften have specific serotypes; therefore, typing of the serogroup and serotype is necessary in screening pathogenicE. coli.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

ELISA (For coating use Ab at 1-5ug/ml, order Ab without BSA);Immunofluorescence (1-2ug/ml);

For Research Use Only. Not for use in diagnostic/therapeutics procedures.