

***E. coli* Monoclonal Antibodies**

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype	Size	Library Pack No.	100ug/clone
15401	HEC10-144.2	IgG1	100ug, 500ug	154101	All 5 clones
15402	HEC10-189.4	IgG1	100ug, 500ug		
15403	HEC10-165.3	IgG1	100ug, 500ug		
15404	HEC10-118.1	IgG2b	100ug, 500ug		
15405	HEC10-168.5	IgG1	100ug, 500ug		

Format: Protein G-purified antibody in PBS, pH 7.4

BACKGROUND

Escherichia coli are gram-negative bacteria commonly found in the lower intestine of warm-blooded animals. Most *E. coli* serotypes are harmless normal flora but can cause urinary tract infections if they enter the urinary tract. Some serotypes can cause severe food poisoning.

SPECIFICATION SUMMARY

Antigen: A pool of *E. coli* serotypes O18 (ATCC #23513), O44 (ATCC #13736), O112 (ATCC #12804), and O125 (ATCC #12808).

Host Species: Mouse

Specificity: These antibodies recognize *E. coli* serotypes O2a/2b, O7, O11, O18, O44, O75, O112, and O125. Not all *E. coli* O serotypes have been tested. These antibodies do not cross-react with *Enterobacter aerogenes*, *Klebsiella pneumoniae*, *Proteus mirabilis*, *Proteus vulgaris*, *Pseudomonas aeruginosa*, or *Serratia marcescens*.

APPLICATIONS

These antibodies have been qualified for use in ELISA to detect *E. coli*.

DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.