

## Mouse E Coli Monoclonal Antibody

E Coli antibody

| CATALOG # | HOST  | REACTIVITY                                                                                                               | APPLICATIONS |
|-----------|-------|--------------------------------------------------------------------------------------------------------------------------|--------------|
| AAA74417  | Mouse | Reacts with several serotypes, including O18, O44, O112 & O125. Does not react with other members of Enterobacteriaceae. | ELISA        |

### PRODUCT SYNONYMS

E Coli; Monoclonal Antibody; E Coli antibody; Monoclonal E Coli; Anti-E Coli; Escherichia Coli; anti-E Coli antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity                                       | Reacts with several serotypes, including O18, O44, O112 & O125. Does not react with other members of Enterobacteriaceae.                                                                                                                                                                                                                                                                                                                                                                                         |
| Clonality                                        | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Isotype                                          | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Clone Number                                     | 1116501                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity                                      | E Coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity/Purification                              | > 90% pure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Form/Format                                      | Supplied in 0.01M Phosphate buffered saline, pH7.2 with 0.1% Na Azide.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Concentration                                    | 0.1 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Applicable Applications for anti-E Coli antibody | ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Biological Significance                          | E Coli is a Gram-negative rod-shaped bacterium that is commonly found in the lower intestine of warm-blooded organisms (endotherms). Most E Coli strains are harmless, but some, such as serotype O157:H7, can cause serious food poisoning in humans, and are occasionally responsible for product recalls. The harmless strains are part of the normal flora of the gut, and can benefit their hosts by producing vitamin K2, and by preventing the establishment of pathogenic bacteria within the intestine. |
| Cross-Reactivity                                 | This antibody recognizes the following E coli serotypes: O18, O44, O112 & O125                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Biohazard Information                            | This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen                                        | E Coli antibody was raised in mouse using a number of E Coli serotypes as the immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Preparation and Storage                          | 4 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

### ADDITIONAL INFORMATION

|                                                      |                                    |
|------------------------------------------------------|------------------------------------|
| Related Product Information for anti-E Coli antibody | Mouse monoclonal E Coli antibody   |
| Product Categories/Family for anti-E Coli antibody   | <a href="#">Infectious Disease</a> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

