

**Antibody to Cyst Wall-Specific Glycoprotein Jacob (10E2)**
MOUSE MONOCLONAL

Catalog Number: AB-V69
Quantity: 100 micrograms
Format: PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), no preservative.
Host: Mouse
Isotype: IgG1
Clone: 10E2
Immunogen: E. histolytica Jacob (partial, amino acids 159-481)

Background: Entamoeba histolytica (Eh) is a protozoan parasite responsible for amebic dysentery and liver abscess. The cyst wall of E. histolytica is composed of chitin fibrils and three families of chitin-binding lectins, including Jacob. Jacob is a cyst wall-specific glycoprotein, and antibodies against it can be used to study cyst formation and the biology of E. histolytica infection.

Specificity & Preparation: This Mouse IgG1 monoclonal antibody is generated against Entamoeba histolytica cyst-wall specific glycoprotein Jacob (partial, amino acids 159-481). It recognizes E. histolytica and E. moshkovskii Jacob.

Usage: Applications include western blot and ELISA. Working dilutions must be determined by end user.

Storage: Store antibody at -20°C for one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.

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