9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

12-8214: Anti-Entamoeba(ENTH-0504)

Clonality : Monoclonal
Clone Name : ENTH-0504
Isotype : Mouse IgG2b

Description

Specificity :Anti-Entamoeba (Clone ENTH-0504) is specific for E. histolytica and E. dispar

Background: Entamoeba histolytica is a pathogenic amoeba that causes amebiasis, a significant intestinal and extra-intestinal infection in humans. It is a single-celled protozoan parasite belonging to the Entamoeba genus. Infection occurs through the ingestion of cysts, the dormant and infective stage of the parasite, found in contaminated food or water. Once inside the human host, the cysts release trophozoites, the active form of the parasite, which colonize the large intestine and can cause diarrhea, abdominal pain, and other gastrointestinal symptoms. In some cases, E. histolytica can penetrate the intestinal wall, leading to the formation of liver abscesses and extra-intestinal manifestations. The disease is especially prevalent in areas with poor sanitation and limited access to clean water. Proper sanitation, personal hygiene, and water purification are crucial in preventing the transmission of E. histolytica and reducing the burden of amebiasis worldwide.

Product Info

Amount :	250µg
Purification :	Purity: ≥90% Preparation: This monoclonal antibody is purified by protein A chromatography or sequential differential precipitations.
Content :	Concentration≥1.0 mg/ml Formulation:Formulated in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.
Storage condition :	This purified antibody is stable when stored at 2-8°C. Do not freeze.

Application Note

ELISA: 1:20-1:200

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