

12-8559: Anti-Entamoeba Histolytica (Clone EH123.5)

Clonality :	Monoclonal
Clone Name :	EH123.5
Application :	ELISA
Alternative Name :	E. histolytica
Isotype :	Mouse IgG1
Immunogen Information :	Entamoeba histolytica HK-9

Description

Specificity

These antibodies recognize *Entamoeba histolytica* trophozoites and cysts.

Background

Entamoeba histolytica is an anaerobic parasitic protozoan that predominantly infects humans and other primates causing amoebiasis. In the vast majority of cases, infection is asymptomatic and the carrier is unaware they are infected. However, in an estimated 10% of cases *E. histolytica* causes disease. Once the trophozoites are excysted they colonize the large bowel, remaining on the surface of the mucus layer and feeding on bacteria and food particles. Occasionally, and in response to unknown stimuli, trophozoites move through the mucus layer where they come in contact with the epithelial cell layer and start the pathological process.

Product Info

Amount :	500 µg / 100 µg
Purification :	Product Preparation: Every batch of hybridoma clone EH123.5 is purified, and analytically verified on-site at our facility.
Content :	Product Concentration: Lot Specific Formulation: This monoclonal antibody is formulated in phosphate buffered saline (PBS) pH 7.2 - 7.4 with no carrier protein or preservatives added.
Storage condition :	This antibody is stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

Application Note

These antibodies have been qualified for use in ELISA to detect *E. histolytica* trophozoites and cysts.

End users should determine optimal concentrations for their applications.