Anti-Gal/GalNAc Lectin from E. histolytica [CD33-LA22] Bulk Size Ab00446-10.0-BT

This reformatted human antibody was made using the variable domain sequences of the original Human Fab format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Kappa
Clone Number: CD33-LA22
Alternative Name(s) of Target:
UniProt Accession Number of Target Protein: C4LTMO
Published Application(s): Blocking, SPR, ELISA
Published Species Reactivity: Entamoeba histolytica
Immunogen: Peripheral Lymphocytes of an asymptomatic E. histolytica cyst passer.
Specificity: The antibody binds with a Kd of 3.51 nM.
Application Notes: This antibody binds to E. histolytica Gal/GalNAc lectin, which is a multifuctional virulence factor which is involved in adherence, cytolysis, invasion, resistance to lysis by complemenet and encystment. The antibody blocks the lectin.
Antibody First Published in: Tachibana et al. VH3 gene usage in neutralizing human antibodies specific for the Entamoeba histolytica Gal/GalNAc lectin heavy subunit. Infection and Immunology 2003; 71(8):4313-4319 PMID:12874307
Note on publication: Describes the generation of novel antibodies against amoebean antigens and shuffling of heavy- and light chains to optimise antigen-binding affinities.

Product Form

Size: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}C.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic

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procedures for humans or animals.

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