
CHIT1 (1D9G) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252851

Unit: 0.1 ml

Description:

CHIT1 (Chitinase 1) is a 50 kDa secreted glycoprotein that belongs to glycohydrolase family # 18. It is secreted by activated human macrophages and is markedly elevated in plasma of Gaucher disease patients. The expression of chitotriosidase occurs only at a late stage of differentiation of monocytes to activated macrophages in culture. Human macrophages can synthesize a functional chitotriosidase, a highly conserved enzyme with a strongly regulated expression. This enzyme may play a role in the degradation of chitin-containing pathogens.

Isotype: Mouse IgG1

Applications: WB

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: Chitotriosidase; CHI3; CHIT; FLJ00314; MGC125322; CHIT1

Accession No.: Q13231

Antigen: Purified recombinant fragment of CHIT1(aa22-137) expressed in E. coli.

Application Notes: WB: 1:500-1:2000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.