



Rabbit Anti-Mouse Mug1 Polyclonal Antibody (CABT-L256M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|---------------------------|---|
| Immunogen | Recombinant Mouse Murinoglobulin-1 protein. |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Mouse |
| Purification | Protein G purified |
| Conjugate | Unconjugated |
| Applications | ELISA |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 50 µg, 100 µg |
| Buffer | 50% Glycerol, 0.01M PBS, PH 7.4 |
| Preservative | None |
| Storage | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| Ship | Wet ice |

BACKGROUND

Introduction

A proteinase activates the inhibitor by specific proteolysis in the bait region, which, by an unknown mechanism leads to reaction at the cysteinyl-glutamyl internal thiol ester site and to a conformational change, whereby the proteinase is trapped and/or covalently bound to the inhibitor. While in the tetrameric proteinase inhibitors steric inhibition is sufficiently strong, monomeric forms need a covalent linkage between the activated glutamyl residue of the original thiol ester and a terminal amino group of a lysine or another nucleophilic group on the proteinase, for inhibition to be effective.

Keywords

MUG1;murinoglobulin 1;murinoglobulin-1;alpha-inhibitor 3;alpha-1-inhibitor III;Mug1

GENE INFORMATION

Gene Name

Mug1

Entrez Gene ID

[17836](#)

UniProt ID

[P28665](#)
