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Datasheet for ABIN7177703

anti-Murinoglobulin 1 antibody (AA 700-910) (Biotin)

Overview

Quantity:	100 µg
Target:	Murinoglobulin 1 (Mug1)
Binding Specificity:	AA 700-910
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Murinoglobulin 1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Mouse Murinoglobulin-1 protein (700-910AA)
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	Murinoglobulin 1 (Mug1)
Alternative Name:	Mug1 (Mug1 Products)
Background:	Background: 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

Target Details

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. lysine or another nucleophilic group on the proteinase, for inhibition to be effective.

Aliases: Mug1 antibody, Mug-1Murinoglobulin-1 antibody, MuG1 antibody

UniProt: [P28665](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.