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Datasheet for ABIN7165780

anti-MAEL antibody (AA 1-200) (Biotin)

Overview

Quantity:	100 µg
Target:	MAEL
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAEL antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Protein maelstrom homolog protein (1-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MAEL
Alternative Name:	MAEL (MAEL Products)
Background:	Background: Plays a central role during spermatogenesis by repressing transposable elements and preventing their mobilization, which is essential for the germline integrity. Acts via the

Target Details

piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and subsequent repression of transposons. Its association with piP-bodies suggests a participation in the secondary piRNAs metabolic process. Required for the localization of germ-cell factors to the meiotic nuage (By similarity).

Aliases: cancer/testis antigen 128 antibody, CT128 antibody, FLJ14904 antibody, mael antibody, MAEL_HUMAN antibody, maelstrom homolog (Drosophila) antibody, Maelstrom homolog antibody, OTTHUMP00000032344 antibody, Protein maelstrom homolog antibody, RP11-102C16.1 antibody

UniProt: [Q96JY0](#)

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.