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[Primary Antibody]

Recombinant Rabbit Anti-PIWIL1 Monoclonal Antibody

Catalog Number: SLA1769M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	12A7
GeneID:	9271
SWISS:	Q96J94
Target:	PIWIL1
Immunogen:	A synthesized peptide derived from human Piwi like protein 1
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	Flow-Cyt (1:50-100) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	99 kDa
Subcellular Location:	Nucleus
Background:	Endoribonuclease that plays a central role in postnatal germ cells by repressing transposable elements and preventing their mobilization, which is essential for the germline integrity. Acts via the 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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.