

Anti-TDRKH Antibody [PCRP-TDRKH-1H2] (A277537)

Specifications:

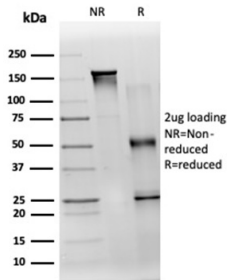
Name:	Anti-TDRKH Antibody [PCRP-TDRKH-1H2]
Description:	Mouse monoclonal [PCRP-TDRKH-1H2] antibody to TDRKH.
Specificity:	Participates in the primary piRNA biogenesis pathway and is required during spermatogenesis to repress transposable elements and prevent their mobilization, which is essential for the germline integrity. The piRNA metabolic process mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and govern the methylation and subsequent repression of transposons. Required for the final steps of primary piRNA biogenesis by participating in the processing of 31-37 nt intermediates into mature piRNAs. May act in pi-bodies and piP-bodies by transferring piRNA precursors or intermediates to or between these granules.
Applications:	IP, Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	IP: 1-2µg / 100-500µg proteins, Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Cross Reactivity:	This antibody is predicted to cross react with Mouse and Rat.
Immunogen:	Recombinant full-length human TDRKH protein.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	PCRP-TDRKH-1H2
Isotype:	IgG2b
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-TDRKH Antibody [PCRP-TDRKH-1H2] - BSA and Azide free (A278125).

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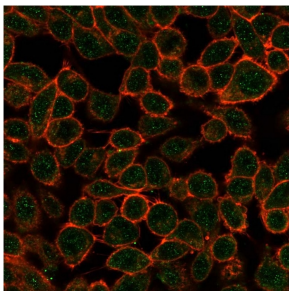
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

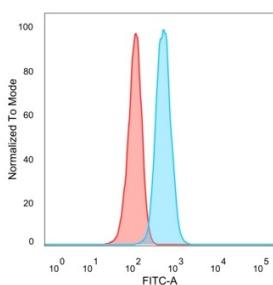
Images:



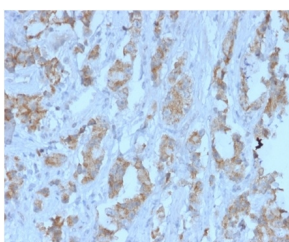
SDS-PAGE analysis of Anti-TDRKH Antibody [PCRP-TDRKH-1H2] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Immunofluorescent analysis of PFA-fixed HeLa cells stained with Anti-TDRKH Antibody [PCRP-TDRKH-1H2] followed by Goat Anti-Mouse IgG (CF® 488) (Green). CF® 640A Phalloidin (Red).



Flow cytometric analysis of PFA-fixed HeLa cells using Anti-TDRKH Antibody [PCRP-TDRKH-1H2] followed by Goat Anti-Mouse IgG (CF® 488) (Blue). Unstained cells (Red).



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human ovarian carcinoma tissue using Anti-TDRKH Antibody [PCRP-TDRKH-1H2] at 2µg/ml.