

## ARG44103 anti-PTPN9 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal recognizes PTPN9
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PTPN9
Species	Human
Immunogen	Human PTPN9 recombinant protein (Position: Q145-I571).
Conjugation	Un-conjugated
Alternate Names	PTPN9; Protein Tyrosine Phosphatase Non-Receptor Type 9; MEG2; Tyrosine-Protein Phosphatase Non-Receptor Type 9; Protein-Tyrosine Phosphatase MEG2; EC 3.1.3.48; PTPase-MEG2; PTPase MEG2; PTPMEG2

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	WB	0.25 - 0.5 µg/ml
Application Note	The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

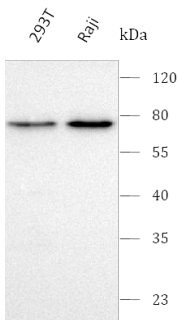
Bioinformation

Gene Symbol	PTPN9
Gene Full Name	Protein Tyrosine Phosphatase Non-Receptor Type 9
Background	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an N-terminal domain that shares a significant similarity with yeast SEC14, which is a protein that has phosphatidylinositol transfer activity and is required for protein secretion through the Golgi complex in yeast. This PTP was found to be activated by polyphosphoinositide, and is thought to be involved in signaling events regulating phagocytosis.
Function	Protein-tyrosine phosphatase that could participate in the transfer of hydrophobic ligands or in functions of the Golgi apparatus.
Calculated Mw	68 kDa
PTM	Acetylation
Cellular Localization	Cytoplasm

Images

ARG44103 anti-PTPN9 antibody WB image

Western blot: 293T and Raji stained with ARG44103 anti-PTPN9 antibody at 0.5 µg/mL dilution.



ARG44103 anti-PTPN9 antibody FACS image

Flow Cytometry: RT4 stained with ARG44103 anti-PTPN9 antibody at 1 µg/10<sup>6</sup> cells dilution.

