

PTPN14 Antibody

Catalog No: #48412

Package Size: #48412-1 50ul #48412-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

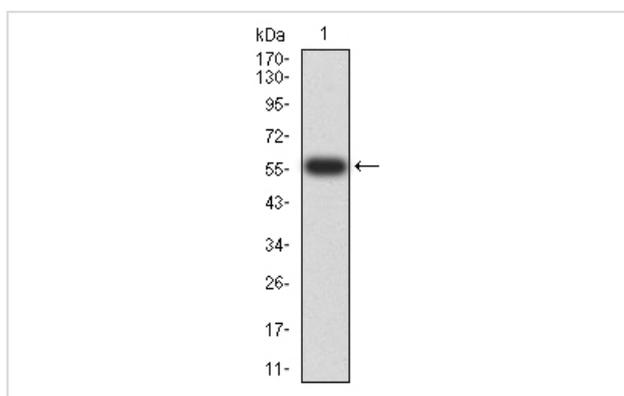
Description

Product Name	PTPN14 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	H7-B3
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	Cytoskeletal associated protein tyrosine phosphatase antibody MGC126803 antibody PEZ antibody Phosphatase with ezrin domain antibody Protein tyrosine phosphatase non receptor type 14 antibody Protein tyrosine phosphatase pez antibody Protein-tyrosine phosphatase pez antibody PTN14_HUMAN antibody PTP 36 antibody PTP36 antibody PTPD 2 antibody PTPN 14 antibody PTPN14 antibody Tyrosine protein phosphatase non receptor type 14 antibody Tyrosine-protein phosphatase non-receptor type 14 antibody
Accession No.	Swiss-Prot#:Q15678
Uniprot	Q15678
GeneID	5784;
Calculated MW	135 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

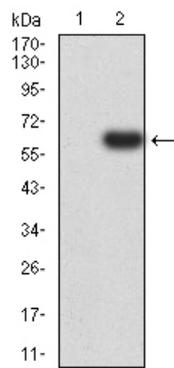
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC: 1:50-1:100

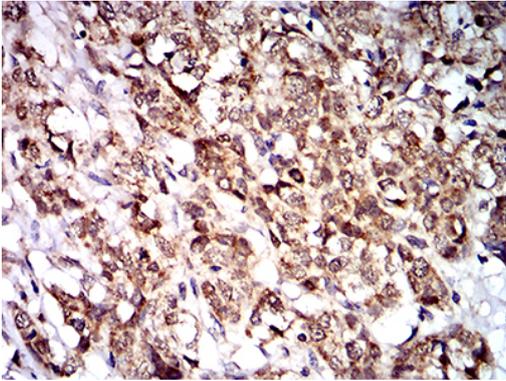
Images



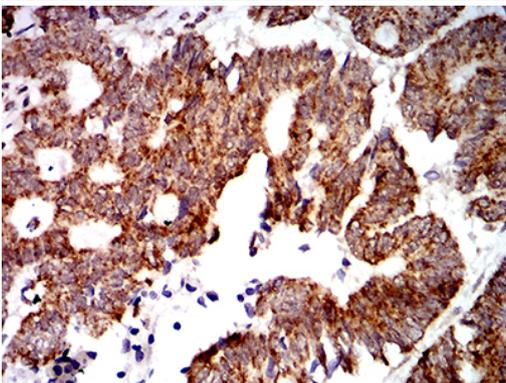
Western blot analysis of PTPN14 on human PTPN14 recombinant protein using anti-PTPN14 antibody at 1/1,000 dilution.



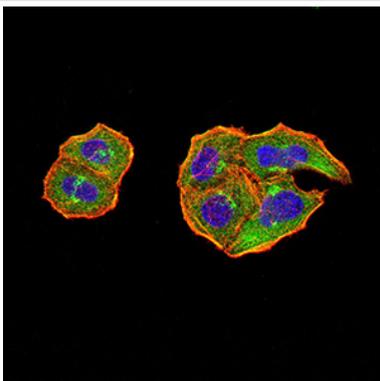
Western blot analysis of PTPN14 on HEK293 (1) and PTPN14-hlgFc transfected HEK293 (2) cell lysate using anti-PTPN14 antibody at 1/1,000 dilution.



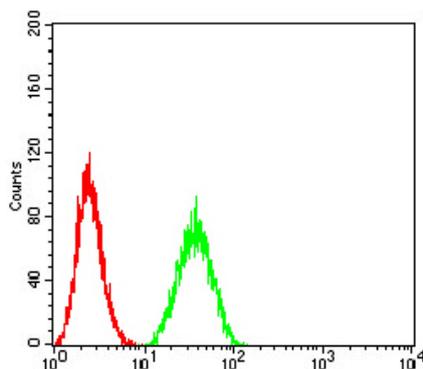
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-PTPN14 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissue using anti-PTPN14 antibody. Counter stained with hematoxylin.



ICC staining PTPN14 (green) and Actin filaments (red) in HeLa cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HeLa cells with PTPN14 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).

Background

Protein tyrosine phosphatase which may play a role in the regulation of lymphangiogenesis, cell-cell adhesion, cell-matrix adhesion, cell migration, cell growth and also regulates TGF-beta gene expression, thereby modulating epithelial-mesenchymal transition. Mediates beta-catenin dephosphorylation at adhesion junctions. Acts as a negative regulator of the oncogenic property of YAP, a downstream target of the hippo pathway, in a cell density-dependent manner. May function as a tumor suppressor.

References

Note: This product is for in vitro research use only