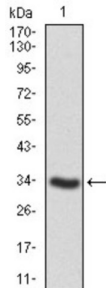
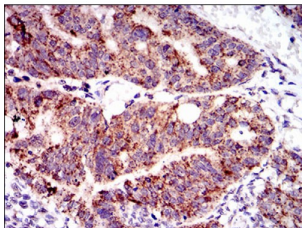


Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11) Antibody

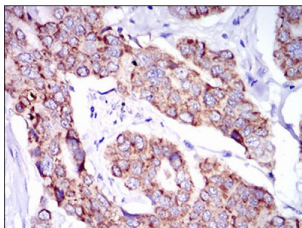
Catalogue No.: abx011792



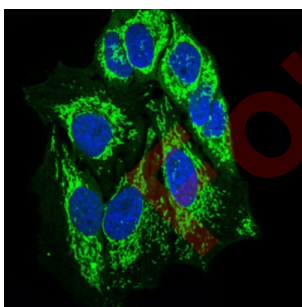
Western blot analysis using PTPN11 antibody against human PTPN11 recombinant protein. (Expected MW is 33.4 kDa).



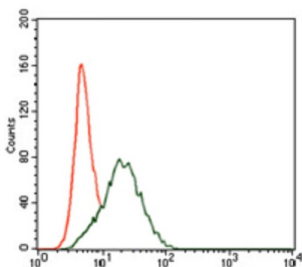
Immunofluorescence analysis of HeLa cells using PTPN11 antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Flow cytometric analysis of HepG2 cells using PTPN11 antibody (green) and negative control (red).



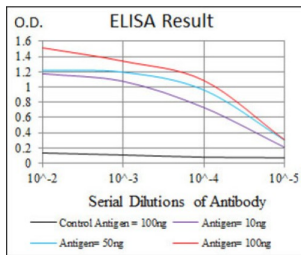
Immunohistochemical analysis of paraffin-embedded breast cancer tissues using PTPN11 antibody with DAB staining.



Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using PTPN11 antibody with DAB staining.

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Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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 two tandem Src homology-2 domains, which function as phospho-tyrosine binding domains and mediate the interaction of this PTP with its substrates.

Target:	Protein Tyrosine Phosphatase, Non Receptor Type 11 (PTPN11)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC, IF/ICC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, IHC: 1/200 - 1/1000, IF/ICC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human PTPN11 (AA: 263-329) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q06124 (UniProt , ExPASy)
Gene Symbol:	PTPN11
GeneID:	5781

Datasheet

Version: 2.0.0

Revision date: 30 Sep 2025



OMIM: [151100](#)

HGNC: 9644

KEGG: hsa:5781

Ensembl: ENSG00000179295

String: [9606.ENSP00000340944](#)

Molecular Weight: 68.4 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only