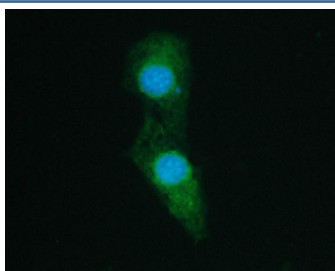


PTPN11 Antibody / SHP2 / Tyrosine-protein phosphatase non-receptor type 11 [clone 2E6] (RQ4920)

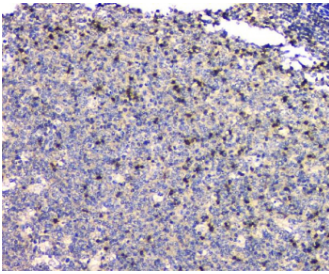
Catalog No.	Formulation	Size
RQ4920	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

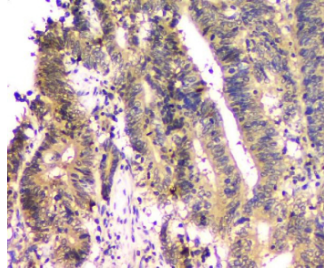
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b
Clone Name	2E6
Purity	Purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q06124
Localization	Cytoplasmic, Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Immunofluorescence : 5ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This PTPN11 antibody is available for research use only.



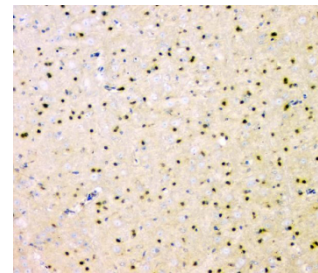
Immunofluorescent staining of FFPE human U-251 cells with PTPN11 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



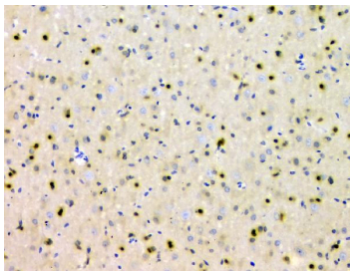
IHC staining of FFPE human tonsil tissue with PTPN11 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



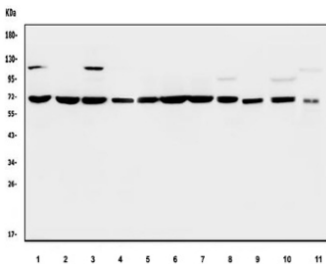
IHC staining of FFPE human colon cancer tissue with PTPN11 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



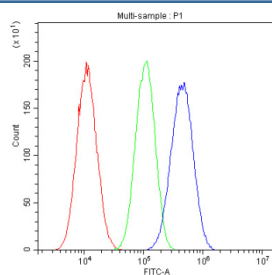
IHC staining of FFPE mouse brain tissue with PTPN11 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE rat brain tissue with PTPN11 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of 1) human HepG2, 2) human Jurkat, 3) human CCRF-CEM, 4) human K562, 5) human A549, 6) human Caco-2, 7) human HeLa, 8) rat brain, 9) rat C6, 10) mouse brain and 11) mouse Neuro-2a cell lysate with PTPN11 antibody. Predicted molecular weight ~68 kDa.



Flow cytometry testing of fixed and permeabilized human A549 cells with PTPN11 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= PTPN11 antibody.

