

Product datasheet

Anti-PTP rho antibody [AFT20] ab75521

2 Images

Overview

<b>Product name</b>	Anti-PTP rho antibody [AFT20]
<b>Description</b>	Mouse monoclonal [AFT20] to PTP rho
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein corresponding to Human PTP rho.
<b>Positive control</b>	Bosc23 cell transfected with Myc/His/R PTP rho.

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
<b>Storage buffer</b>	Preservative: 0.03% Sodium azide Constituents: 0.87% Sodium chloride, HEPES, 0.01% BSA, 50% Glycerol
<b>Purity</b>	Ammonium Sulphate Precipitation
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	AFT20
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab75521** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

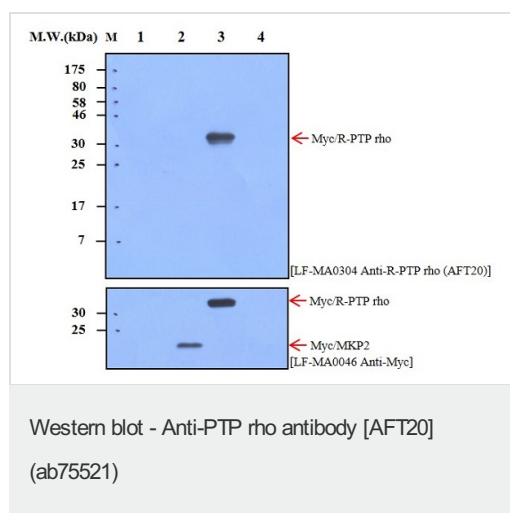
Application	Abreviews	Notes
WB		1/2000. Predicted molecular weight: 164 kDa.

Application	Abreviews	Notes
ELISA		Use at an assay dependent dilution.

## Target

<b>Function</b>	May be involved in both signal transduction and cellular adhesion in the CNS.
<b>Tissue specificity</b>	Expressed in colon, lung, heart and testis, as well as in fetal and adult brain. Not detected in muscle and peripheral blood leukocytes.
<b>Sequence similarities</b>	Belongs to the protein-tyrosine phosphatase family. Receptor class 2B subfamily. Contains 4 fibronectin type-III domains. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 MAM domain. Contains 2 tyrosine-protein phosphatase domains.
<b>Cellular localization</b>	Membrane.

## Images



**All lanes** : Anti-PTP rho antibody [AFT20] (ab75521) at 1/10000 dilution

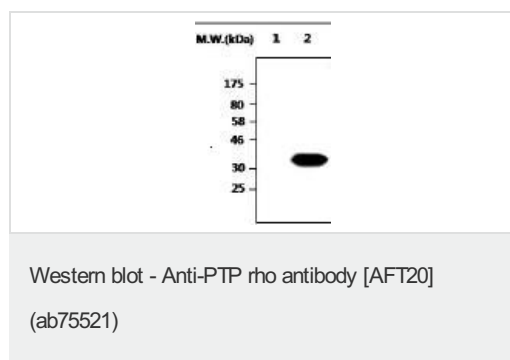
**Lane 1** : Bosc23 Cell Lysate

**Lane 2** : Bosc23 Cell Lysate Transfected with Myc/MKP2

**Lane 3** : Bosc23 Cell Lysate Transfected with Myc/R-PTP rho

**Lane 4** : Bosc23 Cell Lysate Transfected with GFP/Ub

**Predicted band size:** 164 kDa



**All lanes** : Anti-PTP rho antibody [AFT20] (ab75521) at 1/2000 dilution

**Lane 1** : Bosc23 cell lysate

**Lane 2** : Bosc23 cell lysate transfected with Myc/His/R PTP rho (887 - 1169 aa)

**Predicted band size:** 164 kDa

**Observed band size:** 40 kDa

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