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Datasheet for ABIN565235
anti-PTPN22 antibody (AA 1-179)

4 Images

Overview

Quantity:	100 µg
Target:	PTPN22
Binding Specificity:	AA 1-179
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PTPN22 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant PTPN22.
Immunogen:	PTPN22 (AAH17785, 1 a.a. ~ 179 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MDQREILQKF LDEAQSCKIT KEEFANEFLK LKRQSTKYKA DKTYPTTVAE KPKNIKKNRY KDILPYDYSR VELSLITSDE DSSYINANFI KGVYGPKEYI ATQGPLSTTL LDFWRMIWEY SVLIIVMACM EYEMGKEAEK RKSDYIIRTL KVKFNSVSVI LAHQTSLQNL FSQITPAHF
Clone:	4F6
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PTPN22
Alternative Name:	PTPN22 (PTPN22 Products)
Background:	Full Gene Name: protein tyrosine phosphatase, non-receptor type 22 (lymphoid) Synonyms: LYP,Lyp1,Lyp2,PEP,PTPN8
Gene ID:	26191

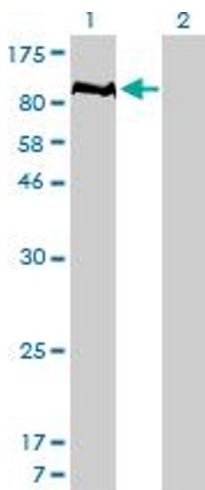
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

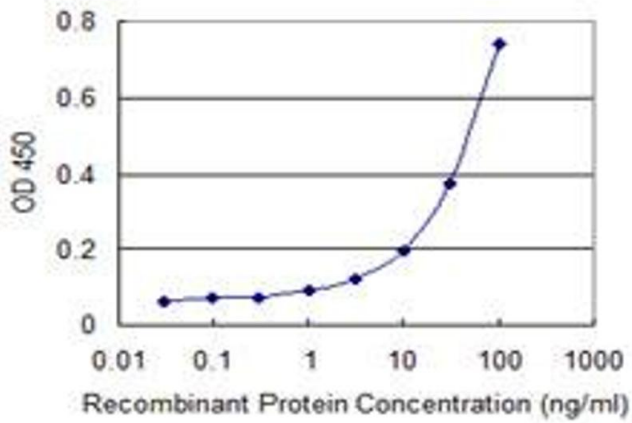


Western Blotting

Image 1. Western Blot analysis of PTPN22 expression in transfected 293T cell line by PTPN22 monoclonal antibody (M01), clone 4F6.

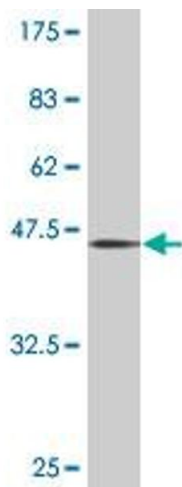
Lane 1: PTPN22 transfected lysate(85.1 kDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged PTPN22 is 1 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (45.43 kDa).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN565235.