



Datasheet for ABIN519151
anti-PREP antibody (AA 611-710)



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3 Images

Overview

Quantity:	100 µg
Target:	PREP
Binding Specificity:	AA 611-710
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PREP antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PREP.
Immunogen:	PREP (NP_002717.3, 611 a.a. ~ 710 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	LVKYSPLHNV KLPEADDIQY PSMLLLTADH DDRVPLHSL KFIATLQYIV GRSRKQSNPL LIHVDTKAGH GAGKPTAKVI EEVSDMFAFI ARCLNVDWIP
Clone:	2D7
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	PREP
Alternative Name:	PREP (PREP Products)
Background:	Full Gene Name: prolyl endopeptidase Synonyms: MGC16060,PE,PEP
Gene ID:	5550
NCBI Accession:	NM_002726

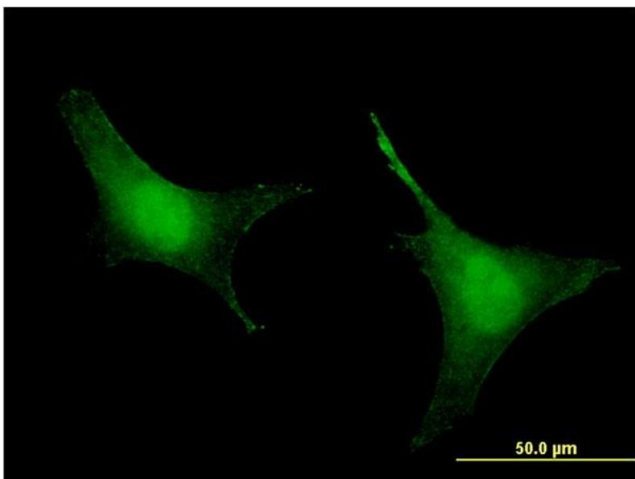
Application Details

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

Handling

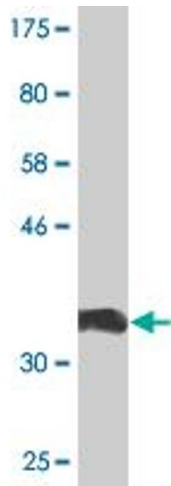
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



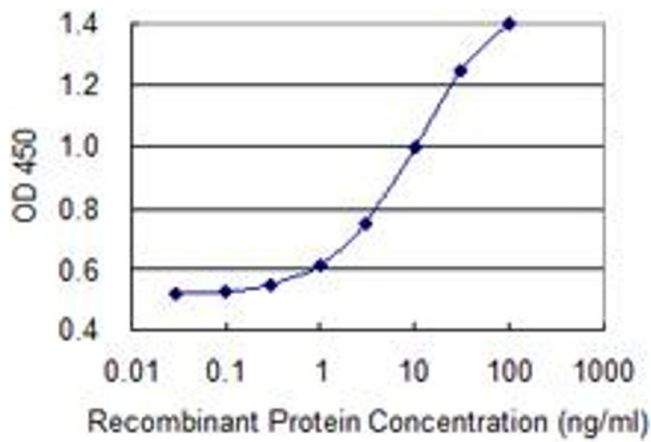
Immunofluorescence

Image 1. Immunofluorescence of monoclonal antibody to PREP on HeLa cell. [antibody concentration 10 ug/ml]



Western Blotting

Image 2. Western Blot detection against Immunogen (36.74 KDa) .



ELISA

Image 3. Detection limit for recombinant GST tagged PREP is 0.3 ng/ml as a capture antibody.