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Datasheet for ABIN2566038  
**anti-CPQ antibody (AA 1-472)**

2 Images

Overview

Quantity:	100 µg
Target:	CPQ
Binding Specificity:	AA 1-472
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CPQ antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant PGCP.
Immunogen:	PGCP (AAH20689, 1 a.a. ~ 472 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MKFLIAFFFG GVHLLSLCSG KAICKNGISK RTFEEIKEEI ASCGDVAKAI INLAVYGKAQ NRSYERLALL VDTVGPRLSG SKNLEKAIQI MYQNLQQDGL EKVHLEPVRI PHWERGEESA VMLEPRIHKI AILGLGSSIG TPPEGITAEV LVVTSFDELQ RRASEARGKI VVYNQPYINY SRTVQYRTQG AVEAAKVGAL ASLIRSVASF SIYSPHTGIQ EYQDGVPKIP TACITVEDAE MMSRMASHGI KIVIQLKMGA KTYPDTSFN TVAEITGSKY PEQVVLVSGH LDSWDVGQGA MDDGGGAFIS WEALSLIKDL GLRPKRTLRL VLWTAEEQGG VGAFQYYQLH KVNISNYSLV MESDAGTFLP TGLQFTGSEK ARAIMEEVMS LLQPLNITQV LSHGEGTDIN FWIQAGVPGA SLLDDLYKYF FFHSHGDTM TVMDPKQMNV AAVWAVVSY VVADMEEMPL RS

## Product Details

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Clone:	2F7
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	CPQ
Alternative Name:	PGCP ( <a href="#">CPQ Products</a> )
Background:	Full Gene Name: plasma glutamate carboxypeptidase Synonyms:
Gene ID:	10404

## Application Details

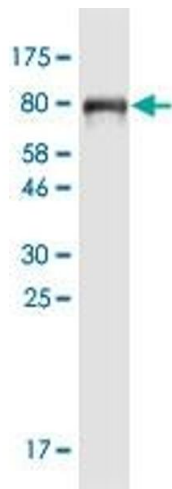
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

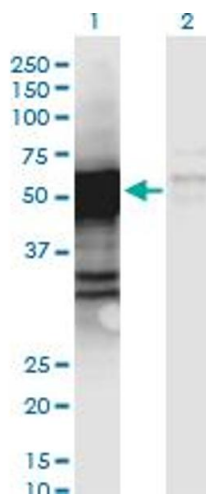
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Buffer:	In 1x PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



#### Western Blotting

**Image 1.** Western Blot detection against Immunogen (77.44 KDa) .



#### Western Blotting

**Image 2.** Western Blot analysis of PGCP expression in transfected 293T cell line by PGCP monoclonal antibody (M06), clone 2F7. Lane 1: PGCP transfected lysate (Predicted MW: 51.9 KDa). Lane 2: Non-transfected lysate.