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## anti-PPM1A antibody (AA 1-382)



## **Images**



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Quantity:	100 μg
Target:	PPM1A
Binding Specificity:	AA 1-382
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPM1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Proximity Ligation Assay (PLA)

### **Product Details**

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant PPM1A.
Immunogen:	PPM1A (AAH26691, 1 a.a. $\sim$ 382 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGAFLDKPKM EKHNAQGQGN GLRYGLSSMQ GWRVEMEDAH TAVIGLPSGL ESWSFFAVYD GHAGSQVAKY CCEHLLDHIT NNQDFKGSAG APSVENVKNG IRTGFLEIDE HMRVMSEKKH GADRSGSTAV GVLISPQHTY FINCGDSRGL LCRNRKVHFF TQDHKPSNPL EKERIQNAGG SVMIQRVNGS LAVSRALGDF DYKCVHGKGP TEQLVSPEPE VHDIERSEED DQFIILACDG IWDVMGNEEL CDFVRSRLEV TDDLEKVCNE VVDTCLYKGS RDNMSVILIC FPNAPKVSPE AVKKEAELDK YLECRVEEII KKQGEGVPDL VHVMRTLASE NIPSLPPGGE LASKRNVIEA VYNRLNPYKN DDTDSTSTDD MW

### **Product Details**

Clone:	4E11
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

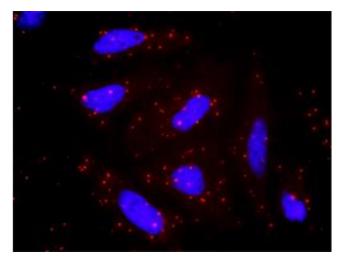
Target:	PPM1A
Alternative Name:	PPM1A (PPM1A Products)
Background:	Full Gene Name: protein phosphatase 1A (formerly 2C), magnesium-dependent, alpha isoform Synonyms: FLJ42306,MGC9201,PP2C-ALPHA,PP2CA
Gene ID:	5494

## **Application Details**

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

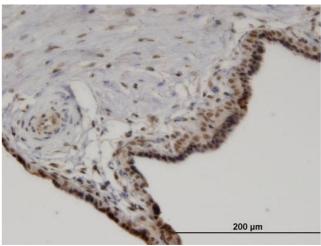
## Handling

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.



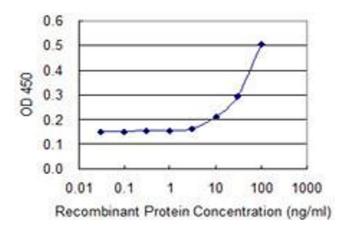
#### **Proximity Ligation Assay**

**Image 1.** Proximity Ligation Analysis of protein-protein interactions between AKT1 and PPM1A. HeLa cells were stained with anti-AKT1 rabbit purified polyclonal 1:1200 and anti-PPM1A mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



#### **Immunostaining**

**Image 2.** Immunoperoxidase of monoclonal antibody to PPM1A on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



#### **ELISA**

**Image 3.** Detection limit for recombinant GST tagged PPM1A is 3 ng/ml as a capture antibody.

Please check the product details page for more images. Overall 5 images are available for ABIN519084.