

Product Datasheet

PPM1D Antibody (orb1467381)

Catalog Number	orb1467381
Category	Antibodies
Description	PPM1D Antibody
Target	PPM1D
Clonality	Monoclonal
Isotype	Mouse IgG1
Conjugation	Unconjugated
Reactivity	Human, Mouse
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	Purified human PPM1D
UniProt ID	O15297
Tested applications	ELISA, FC, ICC, IHC-P, WB
Application notes	Western blotting: Recommended dilution: 1-2 µg/ml. Flow cytometry: Recommended dilution: 1-5 µg/ml. Intracellular staining.
Specificity	The mouse monoclonal antibody 7E11/C5 recognizes an epitope within the sequence FTNEDELYNLLTDSP of PPM1D, a protein phosphatase, which contributes to development of some carcinomas.

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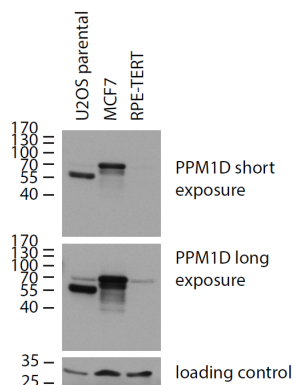
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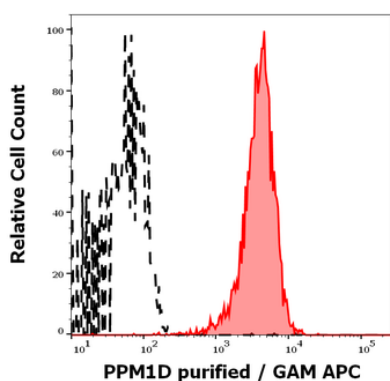
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Antibody Type	Primary Antibody
Clone Number	7E11/C5
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	8493
Expiration Date	12 months from date of receipt.



Western blotting analysis of human PPM1D using mouse monoclonal antibody 7E11/C5 on lysates of U2OS parental cells, expressing both natural (70 kDa, low expression) and C-terminally truncated version (55 kDa, high expression) of PPM1D, and on lysates of MCF7 cells (high PPM1D expression) and RPE cells (low PPM1D expression); reducing conditions.



Separation of MCF-7 cells stained using anti-PPM1D (7E11/C5) purified antibody (concentration in sample 2 µg/ml, GAM APC, red-filled) from MCF-7 cells unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (intracellular staining).

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