

## DESCRIPTION

Specificity	PAPP-A
Source	Murine
Product Form / Appearance	Clear, Colorless solution
Product Type	Monoclonal Antibody
Isotype	IgG2a
Package Size	100 µg

## SPECIFICATIONS

Species Reactivity	Human, Mouse
Immunogen	Pregnancy Associated Plasma Protein - A (PAPP-A)
Purification	Purified from hybridoma culture supernatant using Protein G.
Concentration	Batch Specific – refer to Certificate of Analysis report
Activity	Determined by direct ELISA
Composition	Phosphate Buffered Saline, 10mM, pH 7.4 (no preservatives)

## PREPARATION AND STORAGE

Reconstitution	Not Applicable. Provided in liquid format.
Shipping Conditions	This product is shipped on dry ice. Upon receipt, store it immediately at the temperature recommended below.
Storage	Store at -20°C to -80°C as supplied. Avoid repeated freeze-thaw cycles.

## APPLICATIONS

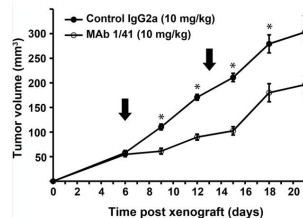
This product has been reported to work in the following applications. This information is derived from testing within our laboratory, peer-reviewed publications or personal communications from the originators. Optimal dilutions should be determined by each laboratory for each application.

	Status	Recommended Concentration
Western Blotting	Recommended	1-5µg/mL
Neutralizing Ab	Recommended	10mg/kg*

## APPLICATION IMAGES

Treatment with mAb 1/41 showed a significant reduction in tumor growth rate, most prominent on day 15, where the total reduction was greater than 50%.

\*(doi: 10.18632/oncotarget.1629.)



## REFERENCES OR CITATIONS

Mikkelsen JH, Resch ZT, Kalra B, Savjani G, Kumar A, Conover CA, Oxvig C. Indirect targeting of IGF receptor signaling in vivo by substrate-selective inhibition of PAPP-A proteolytic activity. *Oncotarget*. 2014; 5:1014–1025.

Heitzeneder S, Sotillo E, Shern JF, et al. Pregnancy-Associated Plasma Protein-A (PAPP-A) in Ewing Sarcoma: Role in Tumor Growth and Immune Evasion. *Journal of the National Cancer Institute*. 2019 Sep;111(9):970-982. DOI: 10.1093/jnci/djy209.