Pappalysin-1 Antibody

Mouse Monoclonal Antibody [Clone PAPPA/6665]

Catalog No	Format	Size
5069-MSM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5069-MSM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5069-MSM5-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	PAPPA/6665
Immunogen	Recombinant human PAPPA protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Kappa
Mol. Weight of Antigen	180.97kDa
Cellular Localization	Secreted
Species Reactivity	Human
Positive Control	High levels in placenta and pregnancy serum

**Optimal dilution for a specific application should be determined.*

Product Images for Pappalysin-1 Antibody

Specificity & Comments

Metalloproteinase which specifically cleaves IGFBP-4 and IGFBP-5, resulting in release of bound IGF. Cleavage of IGFBP-4 is dramatically enhanced by the presence of IGF, whereas cleavage of IGFBP-5 is slightly inhibited by the presence of IGF.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.