Timp1 Monoclonal Antibody

Catalog No: #42030

Description



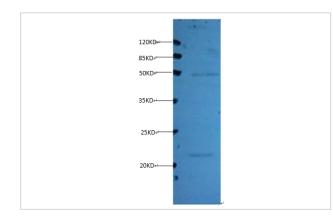
Orders: order@signalwayantibody.com Support: tech@signalwayantibody.com

Description	
Product Name	Timp1 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	protein G purifed
Applications	WB
Species Reactivity	Hu
Specificity	specific for Human Timp1 denatured and native forms
Immunogen Type	protein
Immunogen Description	human Timp 1
Target Name	Timp1
Other Names	timp-1
Accession No.	Swiss-Prot#: P01033
Uniprot	P01033
GenelD	7076;
Calculated MW	23kd
Concentration	1.0mg/mL
Formulation	Preservative: 15mmol/L NaN3Constituents: 0.1mol/L Nacl, 50% glycerol
Storage	Store at -20°C

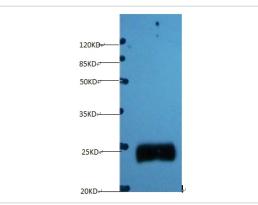
Application Details

Western blotting: 1:500 - 1:1000	
Immunohistochemistry: 1:20 - 1:200	

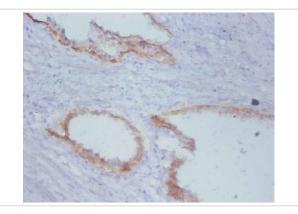
Images



All lanes :Mouse anti-Human Timp1 monoclonal antibody at 1ug/ml Lane 1: HepG-2 cell lysate Predicted band size : 23 kDa Observed band size : 23 kDa Additional bands atB£B150KDB£B[•]We are unsure as to the identity of this extra band.B£B©



All lanes : Mouse anti-Human Timp1 monoclonal antibody at 1ug/ml Lane 1: TIMP1 transfected pichia Yeast cell lysate Predicted band size : 23 kDa Observed band size : 23 kDa



Immunohistochemical analysis of paraffin-embedded human prostate cancer using #42030 at dilution of 1:100.

Background

Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Also mediates erythropoiesis in vitro; but, unlike IL-3, it is species-specific, stimulating the growth and differentiation of only human and murine erythroid progenitors.

References

[1] Docherty A.J.P., Lyons A., Smith B.J., Wright E.M., Stephens P.E., Harris T.J.R., Murphy G., Reynolds J.J.Sequence of human tissue inhibitor of metalloproteinases and its identity to erythroid-potentiating activity. Nature 318:66-69(1985) [2] Gasson

Note: This product is for in vitro research use only