

Timp1 Monoclonal Antibody

Catalog No: #42030

Package Size: #42030-1 50ul #42030-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

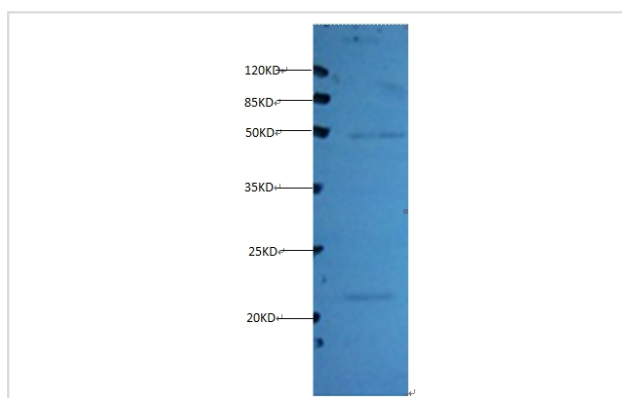
Product Name	Timp1 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	protein G purified
Applications	WB
Species Reactivity	Hu
Specificity	specific for Human Timp1 denatured and native forms
Immunogen Type	protein
Immunogen Description	human Timp 1
Target Name	Timp1
Other Names	timp-1
Accession No.	Swiss-Prot#: P01033
Calculated MW	23kd
Concentration	1.0mg/mL
Formulation	Preservative: 15mmol/L NaN3 Constituents: 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



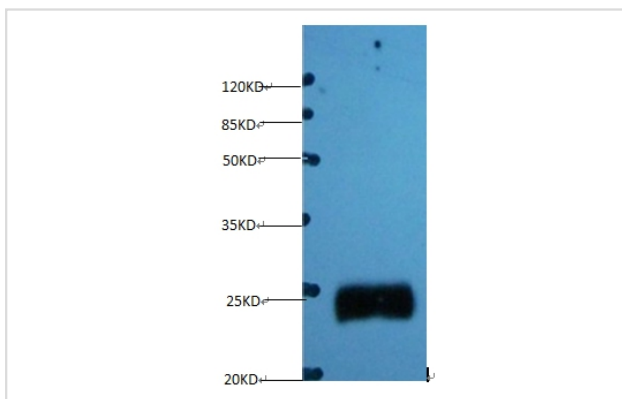
All lanes :Mouse anti-Human Timp1 monoclonal antibody at 1ug/ml

Lane 1: HepG-2 cell lysate

Predicted band size : 23 kDa

Observed band size : 23 kDa

Additional bands at 150KD. We are unsure as to the identity of this extra band.

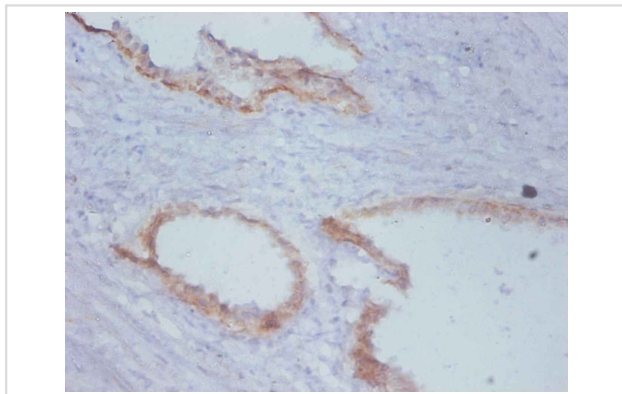


All lanes : Mouse anti-Human Timp1 monoclonal antibody at 1ug/ml

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 and is not intended for use in humans or animals.