

Summary

Production Name	TIMP1 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	TIMP1
Alternative Names	EPA; Clgi; Timp; TIMP-1; TPA-S1
Gene ID	21857
SwissProt ID	P12032.

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	Calculated MW:23 kDa; Observed MW:26 kDa

Background

Metalloproteinase inhibitor that functions by forming one to one complexes with target metalloproteinases, such as

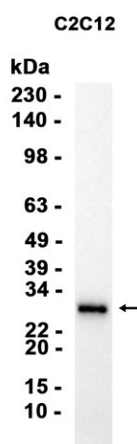
Product Name: TIMP1 Rabbit Monoclonal Antibody
Catalog #: AMRe87792



collagenases, and irreversibly inactivates them by binding to their catalytic zinc cofactor. Acts on MMP1, MMP2, MMP3, MMP7, MMP8, MMP9, MMP10, MMP11, MMP12, MMP13 and MMP16. Does not act on MMP14 (By similarity). Also functions as a growth factor that regulates cell differentiation, migration and cell death and activates cellular signaling cascades via CD63 and ITGB1. Plays a role in integrin signaling.

Research Area

Image Data



Western blot analysis of extracts from C2C12 cells using AMRe87792 at 1:1000.

Note

For research use only.