

Product Datasheet

TIMP2 Antibody

Catalog No: CY3823

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IF/ICC



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Information

UniProt ID: P16035

All Names: CSC-21K; metalloproteinase inhibitor 2; TIMP2; tissue inhibitor of metalloproteinase 2

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human TIMP2

Molecular Wt.: 24 kDa

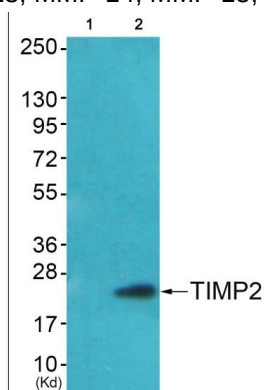
Application

WB 1:500~1:2000

IF/ICC 1:100-1:500

Background

TIMP2 Complexes with metalloproteinases (such as collagenases) and irreversibly inactivates them by binding to their catalytic zinc cofactor. Known to act on MMP-1, MMP-2, MMP-3, MMP-7, MMP-8, MMP-9, MMP-10, MMP-13, MMP-14, MMP-15, MMP-16 and MMP-19.



Western blot analysis of extracts from HepG2 cells (Lane 2), using TIMP2 Antibody. The lane on the left is treated with synthesized peptide.

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