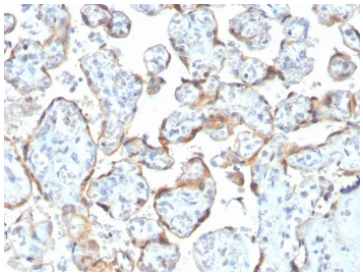
Recombinant TIMP2 Antibody [clone rTIMP2/2335] (V7896)

Catalog No.	Formulation	Size
V7896-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7896-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7896SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

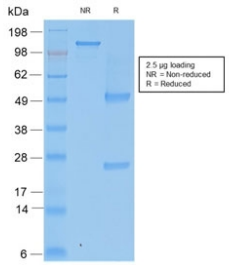
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rTIMP2/2335
Purity	Protein G affinity chromatography
UniProt	P16035
Localization	Cytoplasmic, cell surface, secreted
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant TIMP2 antibody is available for research use only.



IHC staining of FFPE human placenta with recombinant TIMP2 antibody (clone rTIMP2/2335). Required HIER: requires boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant TIMP2 antibody (clone rTIMP2/2335) as confirmation of integrity and purity.

Description

It recognizes a protein of 21kDa, identified as tissue inhibitor of metalloproteinases-2 (TIMP-2). It is closely related to TIMP-1 and shows the highest binding affinity to both the latent (pro) and active forms of 72kDa Type IV collagenase (also known as MMP-2 or gelatinase A). It also has affinity for the active form of 92kDa Type IV collagenase (also known as MMP-9 or gelatinase B). TIMP-2 inhibits the proteolytic invasiveness of tumor cells and normal placental trophoblast cells.

Application Notes

Optimal dilution of the recombinant TIMP2 antibody should be determined by the researcher.

Immunogen

Amino acids DSGNDIYGNPI (N-terminal region) were used as the immunogen for the recombinant TIMP2 antibody.

Storage

Store the recombinant TIMP2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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