

Product Name: TGF beta 1 (4C1) Mouse Monoclonal Antibody
Catalog #: AMM00745



Summary

Production Name	TGF beta 1 (4C1) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	IHC-P
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	TGFB1
Alternative Names	TGF beta 1; TGFB; CED; LAP
Gene ID	7040
SwissProt ID	P01137.

Application

Dilution Ratio	IHC: 1:50-1:100
Molecular Weight	-

Background

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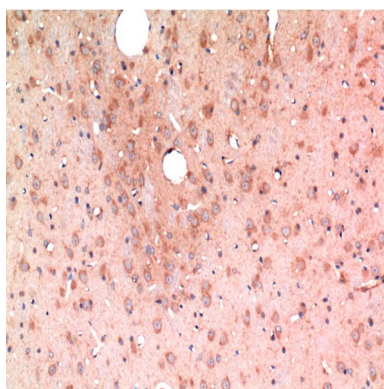


Multifunctional protein that controls proliferation, differentiation and other functions in many cell types. Many cells synthesize TGFβ1 and have specific receptors for it. It positively and negatively regulates many other growth factors. It plays an important role in bone remodeling as it is a potent stimulator of osteoblastic bone formation, causing chemotaxis, proliferation and differentiation in committed osteoblasts.

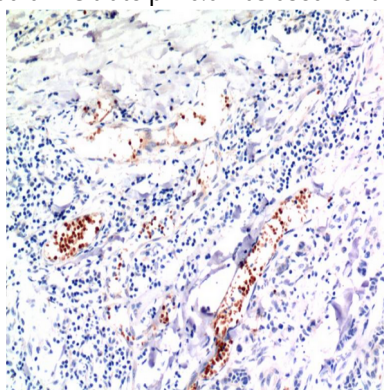
Research Area

Cardiovascular

Image Data

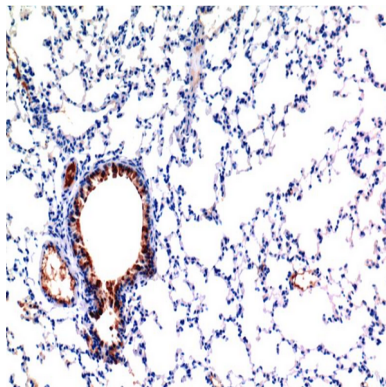


Immunohistochemistry analysis of paraffin-embedded rat Brain Tissue using TGF beta 1 (4C1) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using TGF beta 1 (4C1) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunohistochemistry analysis of paraffin-embedded mouse Lung Tissue using TGF beta 1 (4C1) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.