

CCN family member 2 Antibody

Mouse Monoclonal Antibody [Clone CCN2/14719]

Catalog No	Format	Size
1490-MSM10-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1490-MSM10-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1490-MSM10-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	CCN2/14719
Immunogen	Recombinant fragment (around aa 217-347) of human CCN2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	38.09kDa
Cellular Localization	Extracellular matrix, Extracellular space, Secreted
Species Reactivity	Human
Positive Control	Expressed in bone marrow and thymic cells

**Optimal dilution for a specific application should be determined.*

Product Images for CCN family member 2 Antibody

Specificity & Comments

Major connective tissue mitogen secreted by vascular endothelial cells. Promotes proliferation and differentiation of chondrocytes. Is involved in the stimulation of osteoblast differentiation and has a critical role in osteogenesis (PubMed:39414788). Mediates heparin- and divalent cation-dependent cell adhesion in many cell types including fibroblasts, myofibroblasts, endothelial and epithelial cells. Enhances fibroblast growth factor-induced DNA synthesis.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.