

CTHRC1 monoclonal antibody

Catalog: MB9174

Host: Mouse

Reactivity: Human, Mouse, Rat

Background:

CTHRC1 (collagen triple helix repeat containing 1) is a 243 amino acid secreted protein that localizes to the extracellular matrix and contains one collagen-like domain. Expressed as two alternatively spliced isoforms, the first of which is expressed in calcified atherosclerotic plaque and chondrocyte-like cells, CTHRC1 is thought to function as a negative regulator of collagen matrix deposition and may also play a role in the stabilization of ligand-receptor interactions in the Wnt pathway. CTHRC1 is widely present in a variety of cancers, including melanoma and breast carcinoma, and may participate in cancer cell migration and cancer tissue invasion and metastasis. The gene encoding CTHRC1 maps to human chromosome 8, which consists of nearly 146 million base pairs, houses more than 800 genes and is associated with a variety of diseases and malignancies.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

26 kDa

Swiss-Prot:

Q96CG8(Human) Q9D1D6(Mouse) Q8CG08(Rat)

Purification&Purity:

ProA affinity purified.

Applications:

WB:1:500-1:1,000

IHC:1:50-1:200

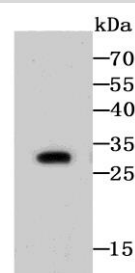
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

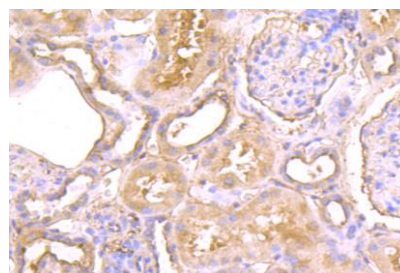
Specificity:

CTHRC1 monoclonal antibody detects endogenous levels of CTHRC1 protein.

DATA:



Western blot analysis of CTHRC1 on CTHRC1 recombinant protein using anti-CTHRC1 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-CTHRC1 antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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