

**COL10A1 Recombinant Rabbit mAb**

Catalog: BS49952

Host: Rabbit

Reactivity: Mouse

BackGround:

Predicted to be an extracellular matrix structural constituent conferring tensile strength. Predicted to be involved in cartilage development; endochondral ossification; and extracellular matrix organization. Located in cell cortex and extracellular matrix. Part of collagen trimer. Is expressed in several structures, including brain; cartilage; limb; pelvic girdle musculature; and skeletal system. Used to study Schmid metaphyseal chondrodysplasia. Human ortholog(s) of this gene implicated in Schmid metaphyseal chondrodysplasia and osteochondrodysplasia. Orthologous to human COL10A1 (collagen type X alpha 1 chain). [provided by Alliance of Genome Resources, Apr 2025]

Product:

1mg/ml in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA.

Molecular Weight:**Swiss-Prot:**

Q05306

Purification&Purity:

Affinity Purification

Applications:

IHC-P: 1:200-1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

The antibody detects endogenous levels of it.

DATA:**Note:**

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

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