

COL6A1 mouse monoclonal antibody

Catalog: MB4563

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

The collagens are a superfamily of proteins that play a role in maintaining the integrity of various tissues. Collagens are extracellular matrix proteins and have a triple-helical domain as their common structural element. Collagen VI is a major structural component of microfibrils. The basic structural unit of collagen VI is a heterotrimer of the $\alpha 1(VI)$, $\alpha 2(VI)$, and $\alpha 3(VI)$ chains. The $\alpha 2(VI)$ and $\alpha 3(VI)$ chains are encoded by the COL6A2 and COL6A3 genes, respectively. The protein encoded by this gene is the $\alpha 1$ subunit of type VI collagen ($\alpha 1(VI)$ chain). Mutations in the genes that code for the collagen VI subunits result in the autosomal dominant disorder, Bethlem myopathy. [provided by RefSeq, Jul 2008]

Product:

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

Molecular Weight:

108.53 kDa

Swiss-Prot:

P12109

Purification&Purity:

The antibody was affinity-purified from mouse ascites fluids or tissue culture supernatant by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500

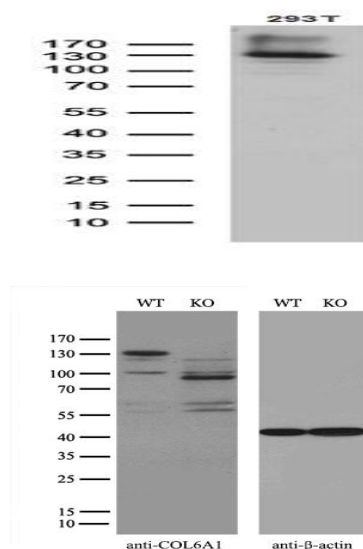
Storage&Stability:

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

Isotype:

IgG1

DATA:



Note:

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

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