

Collagen VI Recombinant Rabbit mAb

Catalog: BS45121

Host: Rabbit

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:

Store at -20°C . Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Molecular Weight:

147 kDa

Swiss-Prot:

P12109

Purification&Purity:

Affinity Purification

Applications:

WB: 1:1000
IHC: 1:200-1:500
ICC/IF: 1:200

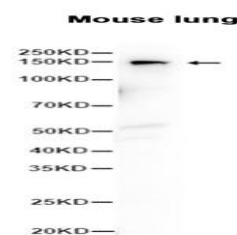
Storage&Stability:

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

Isotype:

IgG

DATA:



Western blot analysis of extracts from Mouse lung tissue using BS45121 at 1: 1000.

Note:

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

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