

Recombinant

DGRmAb®

Collagen VI (DGR19438) Rabbit mAb

db12021

Package : 10µL 20µL 50µL 100µL

Product Name : Collagen VI (DGR19438) Rabbit mAb**Cat.No.:** db12021**Synonyms** : OPLL; BTHLM1; UCHMD1**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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 alpha1(VI), alpha2(VI), and alpha3(VI) chains. The alpha2(VI) and alpha3(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 (alpha1(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]

Immunogen

Recombinant protein of human Collagen VI

Gene ID

1291

Swiss Prot

P12109

Synonyms

OPLL; BTHLM1; UCHMD1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:1000**Calculated MW**

109 kDa

Observed MW

147 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19438

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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.



Western blot analysis of extracts from T24 cells using db12021 at 1:1000.