

Recombinant

DGRmAb®

Collagen I (DGR32808) Rabbit mAb (PBS Only)

db11923-PBS

Package : 10µg 100µg

Product Name : Collagen I (DGR32808) Rabbit mAb (PBS Only)**Cat.No.:** db11923-PBS**Synonyms** : OI1; OI2; OI3; OI4; EDSC; CAFYD; EDSARTH1**Application** : WB, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes the pro-alpha1 chains of type I collagen whose triple helix comprises two alpha1 chains and one alpha2 chain. Type I is a fibril-forming collagen found in most connective tissues and is abundant in bone, cornea, dermis and tendon. Mutations in this gene are associated with osteogenesis imperfecta types I-IV, Ehlers-Danlos syndrome type VIIA, Ehlers-Danlos syndrome Classical type, Caffey Disease and idiopathic osteoporosis. Reciprocal translocations between chromosomes 17 and 22, where this gene and the gene for platelet-derived growth factor beta are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans, resulting from unregulated expression of the growth factor. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene. [provided by R. Dagleish, Feb 2008]

Immunogen

Recombinant protein of human Collagen I

Gene ID

1277, 1278

Swiss Prot

P02452, P08123

Synonyms

OI1; OI2; OI3; OI4; EDSC; CAFYD; EDSARTH1

Reactivity

Human,Mouse,Rat

Application

WB, IP

Calculated MW

139 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR32808

Isotype

IgG

Purity

Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.