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. Dalgleish, 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.