

## Monoclonal Antibody to Collagen Type I Alpha 2 (COL1a2)

**Catalog No:** FY-AB48489

**Organism Species:** Canis familiaris; Canine (Dog)

**Application:** WB; IHC; ICC; IP.

**Alternative Names:** COL1-A2; OI4; Collagen Alpha-2(I)chain; osteogenesis imperfecta type IV; Collagen Of Skin,Tendon And bone,Alpha-2 Chain

### PROPERTIES

Source	Monoclonal antibody preparation
Host species	Mouse
Cross Reactivity	-
Purification	Protein A+G
Research Area	Metabolic pathway;Bone metabolism;
Appearance	Liquid
Size	200μl;1mg/mL
Formulation	PBS, pH7.4, containing 0.02% NaN3, 50% glycerol.
Immunogen	-
Application	Western blotting: 0.2-2μg/mL,1:500-5000
	Immunohistochemistry: 5-20μg/mL,1:50-200
	Immunocytochemistry: 5-20μg/mL,1:50-200
Storage instructions	Stable for 12 months. at -20°C from date of shipment. Aliquot to avoid repeated freezing and thawing. Store at 2-8°C for frequent use. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Stability Test	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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