

Sheep Polyclonal anti Mouse XIII alpha 1

Catalogue Number	mAP-5100
Size/Concentration	50µg
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Collagen XIII alpha 1.
Clone Name	Polyclonal AB
Antibody Isotype	IgG
Preparation	This antibody was produced from a sheep immunized with purified mouse Collagen XIII alpha 1 protein
Formulation and Storage	The IgG fraction of immunized serum was purified by antigen affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.
Specificity	Detects mouse Collagen XIII alpha 1 in direct ELISAs and Western blots. In direct ELISAs, approximately 35% cross-reactivity with recombinant human (rh) COL13A1v4 is observed, and less than 1% cross-
Reconstitution	Reconstitute the antibody with 100 µl sterile PBS and the final concentration is 500µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Applications	A: WB-(1:1000-2000) B: IHC(Paraffin/Frozen)-(1:50-100) C: D:
Shipping	Regular FEDEX overnight shipment (ambient temperature)

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**