



COSMO BIO CO., LTD.

Inspiration for Life Science

Catalog No. LSL-LB-1200-EX

Anti (MAP) Type XII Collagen

1. Description

Host animal	Rabbit
Source (Volume)	Whole serum(100ul)
Titer	According to the ELISA assay, results are positive for dilutions up to 200,000 fold against linear synthetic peptides.
Source of antigen	Multiple Antigen Peptide *
Cross reactivity	Cross react with rat, mouse, bovine and human.*
Characteristic	Does not cross react with Type I, II, III, IV, V, VI collagen, Laminin and fibronectin. Appears as positive band by Western blotting. It differ from stain of type XIV collagen by IHC.
Standard dilution	More than 1:100 dilution (recommended: 1/50~1/500) using a chemiluminescent method and more than 1:500 dilution using Western Blotting.

* Cross reaction will differ between species. The above dilution is only a recommendation and the optimum concentration may differ for each case.
MAP sequence is 16 amino acids containing the -SIP- sequence in collagen alpha 1 (XII).

2. Reconstitution Add 100ul of distilled water to the small tube of lyophilized antiserum.

3. Storage Store below -20°C (below -70°C for prolonged storage).
After thawing, store in small aliquots in sealable vials and store below -70°C. To prevent degradation from repeated thawing, store the antiserum between 0 to 4°C after second thawing.

4. Stability Stable for three years at -70°C.
This product does not contain preservatives such as NaN₃.

For research use only; not for use as a diagnostic.



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