



COSMO BIO CO., LTD.

Inspiration for Life Science

Catalog No. LSL-LB-0445-EX

Anti (MAP) type IV Collagen

1. Description

Host animal	Rabbits
Source (Volume)	Whole serum (100ul)
Titer	According to the ELISA assay, results are positive for dilutions up to 500,000 fold against linear synthetic peptides.
Source of antigen	Multiple antigen peptide *
Cross reactivity	Cross react with human, monkey, rat, mouse and bovine.*
Characteristic	Does not cross react with Type I, II, III, V, VI collagen, laminin and fibronectin. Appears as a single band by Western blotting.
Standard dilution	More than 1:500 dilution (recommended: 1/200~1/2,000) using a chemiluminescent method and more than 1:1,000 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 match 20 out of 20 amino acids of the human and mouse. The MAP contains the SCL sequence of type IV Collagen ($\alpha 1$ IV) MAP sequence match 18/20 aa ~ 13/20 aa of the human, mouse and bovine.

2. 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.

3. Stability

Stable for three years at -70°C .
This product does not contain preservatives such as NaN_3 .

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



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