



COSMO BIO CO., LTD.

Inspiration for Life Science

Catalog No. LSL-LB-1102-EX

Anti (mouse) Type IV Collagen

1. Description

Host animal	Rabbit
Source (Volume)	Whole serum (100ul eq.)
Titer	According to the ELISA assay, results are positive for dilutions up to 200,000 fold.
Source of antigen	rat tai and tendon (acid extract)
Cross reactivity	Cross react with rat, mouse, guinea pig, mink and human.*
Characteristic	Does not cross react with bovine type II, III, IV, V, VI collagen and mouse type III, IV, V collagen. Cross react with nontriple herical domains of rat type I collagen.
Standard dilution	More than 1:200 dilution (recommended : 1/200~1/1,000) using a chemiluminescent method. * Cross reaction will differ between species. The above dilution is only a recommendation and the optimum concentration may differ for each case.

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

3. Storage Store below 10°C (below -20°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 -20°C.
This product does not contain preservatives such as NaN₃.

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



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