



## Anti (MAP) Type XIV Collagen

### 1. Description

<b>Host animal</b>	Rabbit
<b>Source (Volume)</b>	Whole serum (100ul)
<b>Titer</b>	According to the ELISA assay, results are positive for dilutions up to 200,000 fold against linear synthetic peptides.
<b>Source of antigen</b>	Multiple Antigen Peptide *
<b>Cross reactivity</b>	Cross react with rat, mouse, bovine and human.*
<b>Characteristic</b>	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 XII collagen by IHC.
<b>Standard dilution</b>	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 19 amino acids containing the -KCC- sequence in collagen alpha1 (XIV).

### 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<sub>3</sub>.

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

