

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** T40205R **Lot #:** 2L3357

**Description:** Rabbit A' Rat Collagen Type V  
Rabbit Antibody to Rat Collagen Type V

**Specificity:** Cross-reactivity (% @ 1:10 RIA dilution)  
Rat Collagen Type V 100%  
Rat Collagen Types I, III <0.1%  
Rat Elastin <0.1%

**Host Animal:** Rabbit

**Immunogen:** Collagen type V extracted and purified from rat skin

**Format:** Purified, Lyophilized.  
Reconstitute with 0.5ml deionized water.

**Purification:** Ion exchange chromatography (DEAE-Trisacryl)

**Concentration:** Not determined

**Buffer:** Not applicable

**Preservative:** None

**Applications:** For immunostaining of extra or intracellular components in light microscopy. For the quantitation of Collagen Type V in biological fluids or in culture supernatants.  
IFA (with fluorescein anti-rabbit IgG conjugate): use diluted at  $\geq 1:40$  on frozen rat tissues.  
IHC(p) (immunoperoxidase technique): use diluted at  $\geq 1:500$  on fixed paraffin-embedded rat tissues.  
ELISA: use diluted at  $\geq 1:200$ .  
Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Lyophilized: Store (up to 24 months) at 2-8°C. Long term, store at -20°C.  
Reconstituted: Aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.



Signature

24 Jan 2017

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**