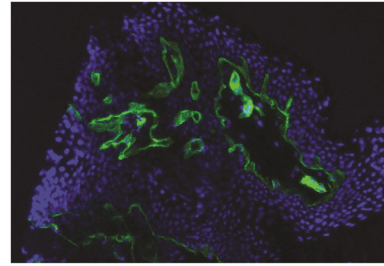




Mouse Anti-Human Type IV Collagen

| Cat. No. | Format | Size |
|----------|----------------------|--------|
| 1460-01 | Purified (UNLB) | 0.1 mg |
| 1460-02 | Fluorescein (FITC) | 0.1 mg |
| 1460-08 | Biotin (BIOT) | 0.1 mg |
| 1460-09 | R-phycoerythrin (PE) | 0.1 mg |



Frozen human skin tissue section was stained with Mouse Anti-Type IV Collagen-UNLB (SB Cat. No. 1460-01) followed by Goat Anti-Mouse IgG₁, Human ads-AF488 (SB Cat. No. 1070-30) and DAPI.

Overview

| | |
|--------------------|-----------------------------------|
| Clone | 2F11 |
| Isotype | Mouse (BALB/c) IgG ₁ κ |
| Immunogen | Native human type IV collagen |
| Specificity | Human type IV collagen |

Applications

ELISA – Quality tested
 FLISA – Quality tested
 IHC-PS – Reported in literature ¹
 IHC-FS – Reported in literature ^{2,3}

Working Dilutions

| | | |
|-----------------------------|--|--------------------|
| ELISA | BIOT conjugate | 1:5,000 – 1:20,000 |
| FLISA | FITC conjugate | 1:200 – 1:800 |
| | PE conjugate | ≤ 1 µg/mL |
| Immunohistochemistry | Purified (UNLB) antibody | ≤ 2 µg/mL |
| Other Applications | Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need. | |

For Research Use Only. Not for Diagnostic or Therapeutic Use.

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 0.2 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

1. Mak KM, Chu ES, Lau KH, Kwong AJ. Liver fibrosis in elderly cadavers: localization of collagen types I, III, and IV, α -smooth muscle actin, and elastic fibers. *Anat Rec.* 2012;295:1159-67. (IHC-PS)
2. Weller JM, Zenkel M, Schlötzer-Schrehardt U, Bachmann BO, Tourtas T, Kruse FE. Extracellular matrix alterations in late-onset Fuchs' corneal dystrophy. *Invest Ophthalmol Vis Sci.* 2014;55:3700-8. (IHC-FS)
3. Schlötzer-Schrehardt U, Bachmann BO, Tourtas T, Torricelli AA, Singh A, González S, et al. Ultrastructure of the posterior corneal stroma. *Ophthalmology.* 2015;122:693-9. (IHC-FS)