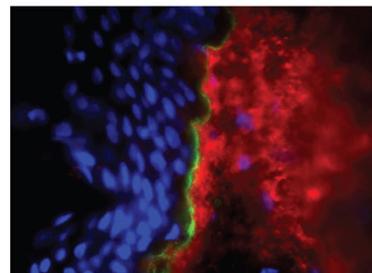




Mouse Anti-Human Type I Collagen

Cat. No.	Format	Size
1441-01	Purified (UNLB)	0.1 mg
1441-02	Fluorescein (FITC)	0.1 mg
1441-05	Horseradish Peroxidase (HRP)	1.0 mL
1441-08	Biotin (BIOT)	0.1 mg



Frozen human skin tissue section was stained with Mouse Anti-Type I Collagen-UNLB (SB Cat. No. 1441-01) and Mouse Anti-Human Type IV Collagen-UNLB (SB Cat. No. 1460-01) followed by Goat Anti-Mouse IgG_{2b}, Human ads-BIOT (SB Cat. No. 1090-08), Goat Anti-Mouse IgG₁, Human ads-AF488 (SB Cat. No. 1070-30), Streptavidin-CY3 (SB Cat. No. 7100-12), and DAPI.

Overview

Clone	4F6
Isotype	Mouse (BALB/c) IgG _{2b} K _c
Immunogen	Native human type I collagen
Specificity	Human type I collagen

Applications

ELISA – Quality tested
 FLISA – Quality tested
 IHC-FS – Reported in literature ¹

Working Dilutions

ELISA	HRP conjugate	1:1,000 – 1:4,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC conjugate	1:200 – 1:800
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 horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 0.1 mg in 0.2 mL of PBS/NaN₃. Store at 2-8°C.
- 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. 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)