

Monoclonal Anti-human Collagen Type IV

Specification Sheet

Catalog #:	MC031
Lot #:	D3332
Description:	Monoclonal Anti-Human Collagen Type IV
Specificity:	This antibody is specific to human collage type IV.
Clone:	4D8C10
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1
Source:	Mouse ascites
Immunogen:	Human collage type IV
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	4.68 mg/mL (OD280 nm, E ^{0.1%} = 1.40)
Affinity Constant:	Not determined
Buffer:	0.015M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ , pH=7.2
Pairing Assays:	Pairs with MC032 and MC034
Purity:	>95% by HPLC and SDS-PAGE
Application:	Human collagen type IV quantitative assays by EIA
Storage:	2-8° C for 1 year. Store at -20° C for long term.

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