



Collagen IV

Data Sheet

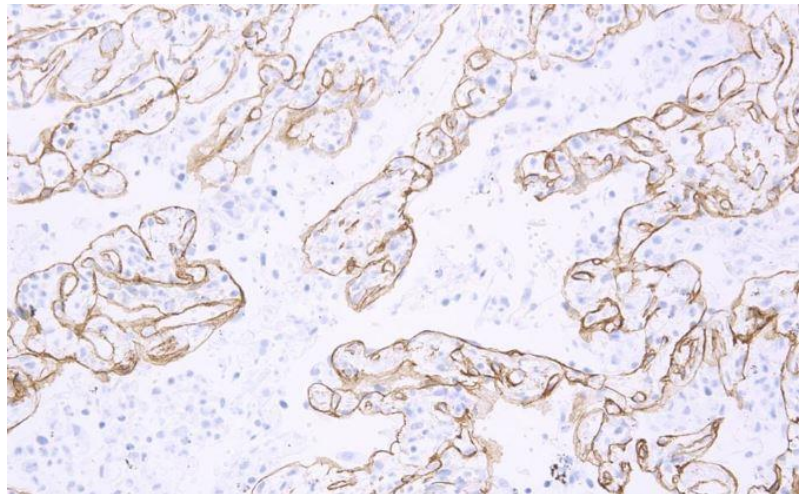
Catalog Number:	MO47018	Host:	Mouse
Product Type:	Mouse Monoclonal IgG	Species Reactivity:	Human
Immunogen Sequence:	Human Placenta	Format:	Liquid with PBS buffer, pH 7.4 with 0.02% Sodium Azide
Applications:	Immunohistochemistry: 1:1,000-3,000 Western Blot: 1:500-1,000 Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	The product can be stored undiluted for several weeks at 4°C. Dilute only immediately before use. Aliquot and store at -20°C long term. Avoid freeze thaw-cycles.		

Application Notes

Description/Data:

Collagen Type IV Antibody is designed for detection of collagen IV protein expressing tissue or lysates. Collagen IV is found in the basal lamina and a constituent of the basement membrane which has a role in supporting structure. Disruptions or complete absent of basement membrane may be indicative of upregulation of matrix metalloproteinases secreted by cancer cells. The loss of structure integrity of the basement membrane is associated with stages of invasive cancers.

Image: Immunohistochemistry staining of MO47018 on human colon tissue.



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www.neuromics.com

Neuromics Antibodies • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail: pshuster@neuromics.com