

Vascular Tumors

(Weedon Chapter 38)

Paul K. Shitabata, M.D.

Dermatopathology Institute

Stains that are usually positive with vascular differentiation include all except:

- A. D2-40
- B. CD31
- C. CD34
- D. Factor VIII
- E. Collagen type IV

Answer E

Comparison

Histopathology	Kaposi's sarcoma	Acro-Angiodermatitis
CD34 + vessels		
Hemosiderin		
Extravasated rbcs		
Plasma cells		
Promontory sign		

Answers

Histopathology	Kaposi's sarcoma	Acro-Angiodermatitis
CD34 + vessels	+	+
Hemosiderin	+	+
Extravasated rbc's	+	+
Plasma cells	+	-
Promontory sign	+	-

Etiologic Agents?

Disease	Etiologic Agent
Bacillary angiomatosis	
Verruga peruana	
Kaposi's sarcoma	
Reactive angioendotheliomatosis	

Microbiological Etiologic Agents?

Disease	Microbiological Etiologic Agent
Bacillary angiomatosis	Bartonella henselae and Bartonella quintana
Verruga peruana	Bartonella bacilliformis
Kaposi's sarcoma	HHV-8
Reactive angioendotheliomatosis	Bacterial sepsis, DIC

Angiosarcoma associations include all except:

- A. May arise in long-standing lymphedema
- B. Post-irradiation fields
- C. Poor overall prognosis
- D. Epithelioid tumors may show cytokeratin positivity
- E. HHV-8 positivity

Answer E