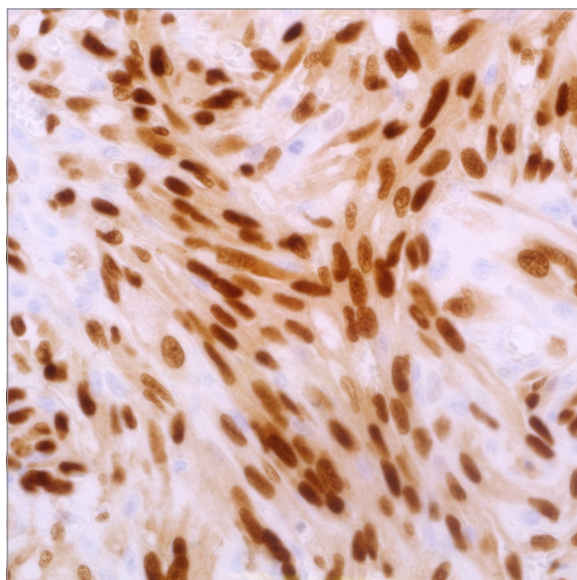
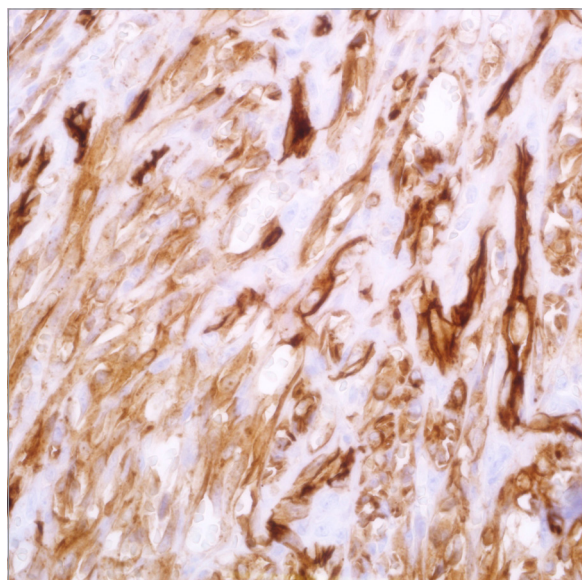
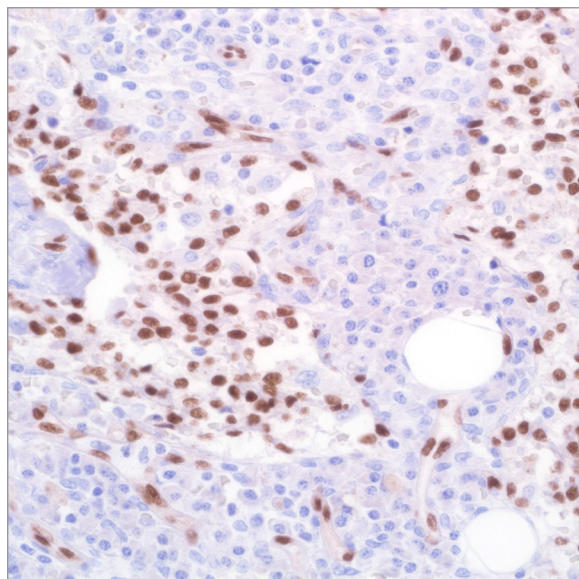
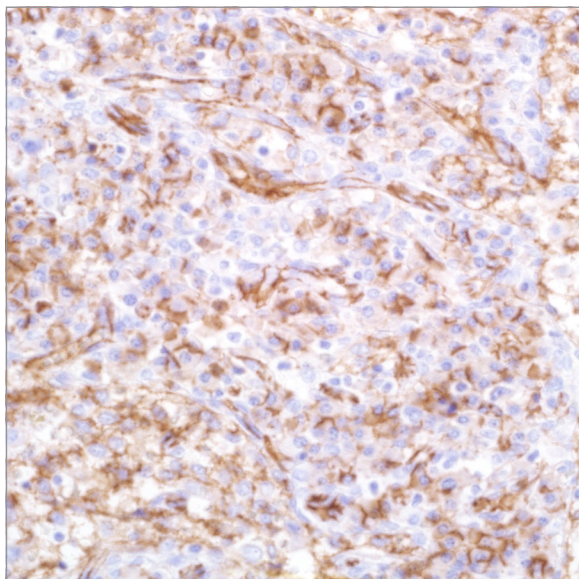


Comparison: CD31 vs. ERG

mouse monoclonal, clone: JC70 vs. rabbit monoclonal, clone: EP111

Top-left: Cytoplasmic stain of vascular endothelium with mouse monoclonal CD31 on Kaposi sarcoma 400X.

Top-right: Nuclear stain of vascular endothelium with rabbit monoclonal ERG on Kaposi sarcoma 400X.



Bottom-left: CD31 labels Kaposi sarcoma cells in a cytoplasmic pattern.

Bottom-right: Rabbit monoclonal anti-ERG shows strong and diffuse nuclear staining in Kaposi sarcoma cells.

ERG (EP111)

Volume.....Part No.

0.1 ml, concentrate..... 434R-14

0.5 ml, concentrate..... 434R-15

1 ml, concentrate..... 434R-16

1 ml, prediluted..... 434R-17

7 ml, prediluted..... 434R-18

Positive control slides . . 434S

Benefits of ERG Immunostaining:

- *In vitro* diagnostic
- Nuclear visualization
- ERG protein expression is more specific than AMACR (P504s) staining for prostate carcinoma.¹
- The Kim et al paper concludes that "the present study demonstrated a superiority with ERG immunostaining and indicated that ERG is a promising panendothelial marker that might help pathologists increase LVI detection and decrease interobserver variability in LVI diagnosis".²
- ERG transcription factor is a preferred option to the cytoplasmic CD31 and CD34 for labeling both hemangiomas and lymphangiomas.³
- ERG has the sensitivity of a rabbit antibody with the specificity and cleanliness of a monoclonal antibody for a strong signal to noise ratio.

References:

1. Tomlins SA, et al. Arch Pathol Lab Med. 2012; 136:935-46
2. Kim S, et al. Korean J Pathol. 2013;47:355-64
3. Miettinen M, et al. Am J Surg Pathol. 2011; 35:432-41

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