**Supplementary Table 1.** Primary antibodies for histological components of thrombus

Target	Immunogen	Clonality	Dilution	Catalog number	Supplier*
Erythrocyte	Glycophorin A	Rabbit monoclonal	1:400	ab129024	Abcam
Platelet	CD42b	Rabbit monoclonal	1:100	ab134087	Abcam
Fibrin	Fibrinogen	Rabbit polyclonal	1:200	ab34269	Abcam
Lymphocyte	CD3	Rabbit monoclonal	1:200	ab16669	Abcam
Neutrophil	Neutrophil elastase	Rabbit polyclonal	1:200	ab68672	Abcam
Monocyte	CD68	Mouse monoclonal	1:200	MA5-13324	Fisher Scientific
Tissue factor	CD142	Rabbit polyclonal	1:100	PA5-27278	Fisher Scientific
Neutrophil extracellular trap	Histone H3	Rabbit polyclonal	1:100	ab5103	Abcam

*Abcam, Cambridge, UK; Fisher Scientific, Waltham, MA, USA.
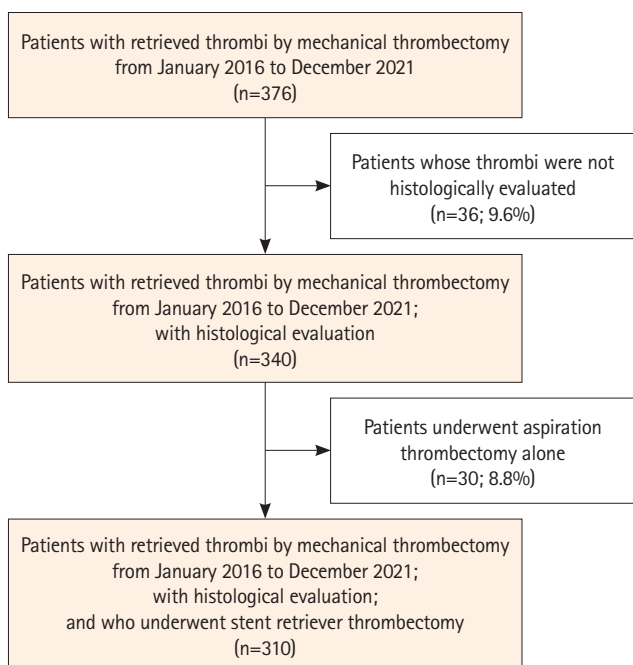
Supplementary Figure 1. Patient selection flowchart.
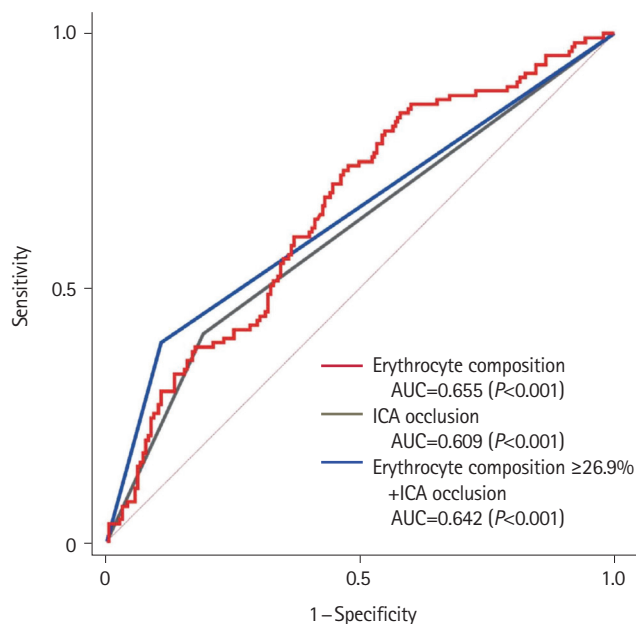
Supplementary Figure 2. Receiver operating characteristic curves of erythrocyte composition in the thrombus and internal carotid artery (ICA) occlusion to predict a fragile thrombus. The erythrocyte composition in the thrombus could predict a fragile thrombus (area under the receiver operating characteristic curve [AUC], 0.655; cutoff, 26.9%; sensitivity, 84.4%; specificity, 42.1%; $P<0.001$). ICA occlusion could also predict fragile thrombi (AUC, 0.609; sensitivity, 40.9%; specificity, 81.0%; $P<0.001$). Considering both erythrocyte composition and ICA occlusion, it could predict fragile thrombi (AUC, 0.642; sensitivity, 39.1%; specificity, 89.2%; $P<0.001$).