CD31-BX001 (EP3095)

Antibody PN 232172

Component in antibody kits:

- *CD31-BX001(EP3095)—Alexa Fluor™ 488-RX001 (PN 4150017)*
- *CD31-BX001(EP3095)—Alexa Fluor™ 750-RX001 (PN 4450017)*

Target Information

Synonym(s): PECAM-1

Protein type: Ig superfamily

MW: 130-140 kDa

Cell expression: Monocytes, platelets, granulocytes, endothelial cells and lymphocyte subset

Key roles/activities: Cell adhesion and signal transduction

Binding partner(s): CD38, αV/β3 integrin

CODEX Antibody Details

Tested reactivity: Human

Recommended titration: 1:200 (Hu FFPE) based on screening with human tonsil (FFPE)*

Compatible Reporter(s): Alexa Fluor™ 488-RX001, Alexa Fluor™ 750-RX001

Antigen retrieval conditions: Citrate, EDTA

Notes: —

*final titrations need to be empirically determined

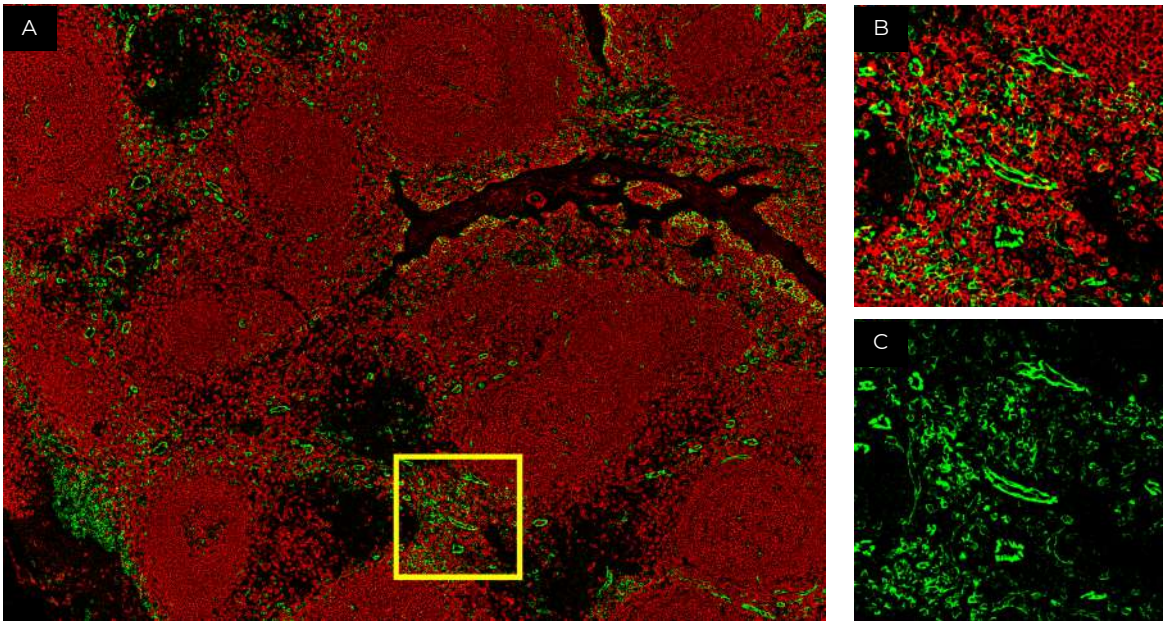

Figure 1. Human FFPE tonsil section stained with CD31 CODEX Antibody and relevant counterstain. An FFPE tonsil (tonsilitis) tissue section was stained with CODEX Antibody CD31-BX001 (EP3095)—AF750-RX001 and CD20-BX007 (L26)—AF750-RX007. Imaging performed using a 20X objective. Representative imaging regions showing CD31 (green) and CD20 (red). Antigen retrieval was performed using citrate. CD31 and CD20 were both diluted 1:200.

A) Overview region showing CD31 (green) and CD20 (red).

B) Zoomed in region showing CD31 (green) and CD20 (red).

C) Zoomed in region showing CD31 (green) only (same region as B).

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