CD45R/B220-BX010 (Ra3-6B2)

Antibody PN 232137

Component in antibody kits:

- *CD45R/B220-BX010 (Ra3-6B2)—Alexa Fluor™ 488-RX010 (PN 4150006)*
- *CD45R/B220-BX010 (Ra3-6B2)— Alexa Fluor™ 750-RX010 (PN 4450006)*

Target Information

Synonym(s): B220

Protein type: Protein tyrosine phosphatase family

MW: 180-240 kDa

Cell expression: B cells, T cell subset and NK cell subset

Key roles/activities: Phosphatase activity and T and B cell Activation

Binding partner(s): Galectin-1, CD2, CD3, CD4

CODEX Antibody Details

Tested reactivity: Mouse

Recommended titration: 1:200 (Mouse FF) based on screening with mouse spleen (FF)*

Compatible Reporter(s): Alexa Fluor™ 488-RX010, Alexa Fluor™ 750-RX010

Antigen retrieval conditions: —

Notes: —

*final titrations need to be empirically determined

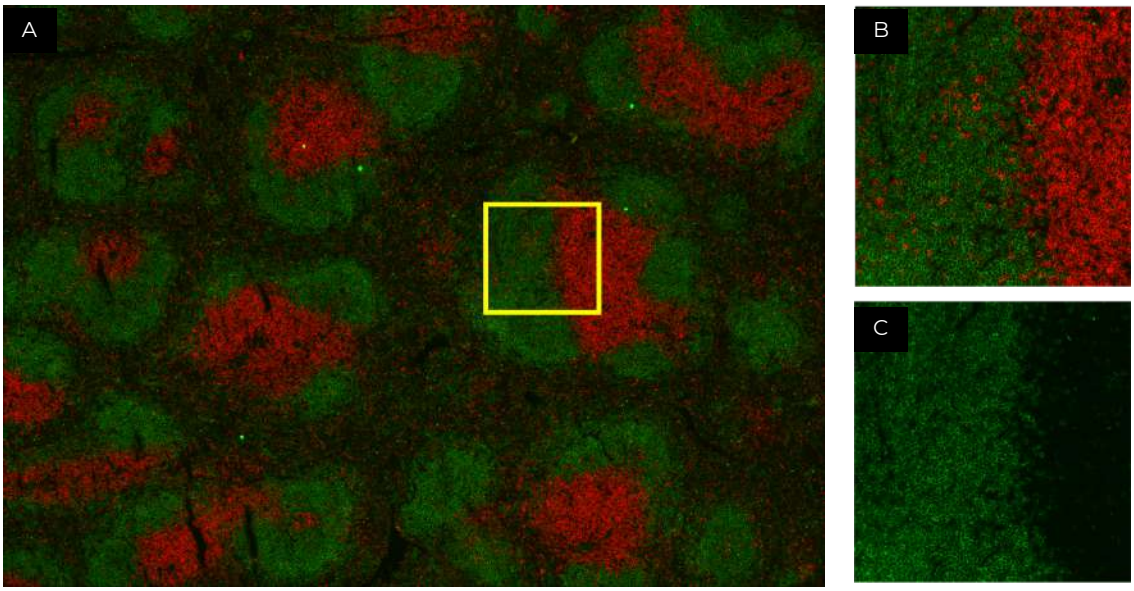

Figure 1. Mouse spleen FF tissue section stained with CD45R/B220 CODEX Antibody and relevant counterstain. A Mouse spleen fresh-frozen tissue section was stained with CODEX Antibody CD45R/B220-BX010 (Ra3-6B2)—AF488-RX010 and TCRβ (H57-597)-Alexa Fluor 647. Imaging performed using a 20X objective. Representative imaging regions showing CD45R/B220 (green) and TCRβ (red). CD45R/B220 and TCRβ were both diluted 1:200.

A) Overview region showing CD45R/B220 (green) and TCRβ(red).

B) Zoomed in region showing CD45R/B220 (green) and TCRβ (red).

C) Zoomed in region showing CD45R/B220 (green) only (same region as B).

© 2020 Akoya Biosciences, Inc. All rights reserved. Akoya Biosciences and CODEX are registered trademarks of Akoya Biosciences, Inc. A Delaware corporation.