

BD Biosciences
Data Sheet

BD Horizon™ Dri TBNK+CD20
Product Information

Part Number: 625642
Size: 5 tubes per pouch
Volume: 1 test (Dried reagent cocktail) per tube

Description
Dry tube:

	V450	FITC	PE	PE	PerCP-Cy™5.5	PE-Cy™7	APC	APC-Cy™7
Format:								
Specificity:	CD20	CD3	CD16	CD56	CD45	CD4	CD19	CD8
Clone:	L27	SK7	B73.1	NCAM16.2	2D1 (HLe-1)	SK3	SJ25C1	SK1

Storage and Handling

Store tubes in their original foil pouch at 2°C-27°C. Do not freeze the reagent or expose it to direct light at any time during storage or incubation with cells. Once the pouch is opened, use the remaining tubes within 1 month (when stored as directed). Do not use reagents beyond the expiration date indicated on the label. CAUTION: Due to the moisture sensitivity of the reagent, ensure the pouch is immediately and completely resealed after removing a tube. Do not remove the desiccant from the reagent pouch.

Usage

Refer to our website (www.bdbiosciences.com) or contact your local BD representative for the Lyse/No wash protocol for direct immunofluorescence. Use aseptic blood collected in EDTA blood collection tubes. A. Add 50µl of well-mixed, anticoagulated whole blood in to the bottom of the air-dried reagent cocktail tube and mix to complete reconstitution by gentle pipetting/vortexing for 4 Seconds. Incubate 15 minutes at room temperature. Protect from exposure to direct light. B. Add 450µl of 1X BD FACS Lysing solution to the tube. Vortex to mix. Incubate for 15 minutes in the dark at room temperature. c. The sample is analyzed on a flow cytometer with a setup optimized for antibody panel.

Supporting Data

Flow cytometric analysis was performed on whole blood stained using either the BD Multitest™ 6-Color Reagent with a CD20 V450 drop-in (Figure 1A) or BD Horizon™ Dri TBNK+CD20 tube (Figure 1B). Laser excitation was at 405nm, 488nm, or 635nm. Stained samples (using BD Multitest™ 6-Color Reagent with a CD20 V450 drop-in and BD Horizon™ Dri TBNK+CD20 tubes) prepared using 3 donors were transferred to BD Trucount™ tubes, acquired using BD FACSLytic™/BD FACSCanto™ 10-Color systems and analyzed for determination of absolute counts of lymphocytes in blood (Figures 2A and 2B).

Product Notices

- Cy™ is a trademark of Amersham Biosciences Limited. This conjugated product is sold under license to the following patents: US Patent Nos. 5,268,486; 5,486,616; 5,569,587; 5,569,766; 5,627,027.
- Source of all serum proteins is from USDA inspected abattoirs located in the United States.
- Caution: Reagents contain sodium azide. Sodium azide is harmful if swallowed. Keep away from food, drink, and animal feeding. Wear suitable protective clothing. If swallowed, seek medical advice immediately and show this container or label. Contact with acids liberates very toxic gas. Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive. Refer to safety data sheet for further information.

Figure 1A

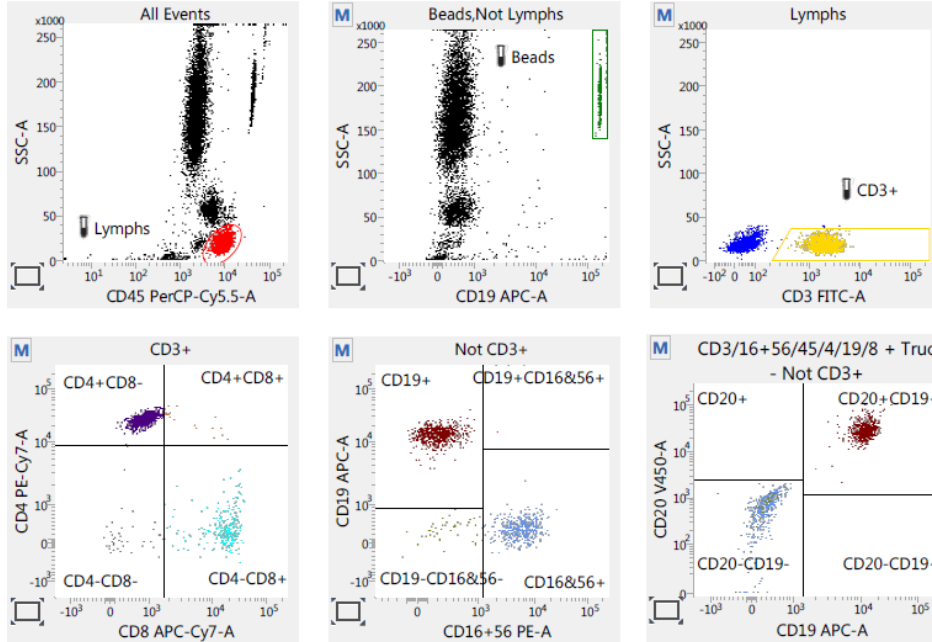


Figure 1B

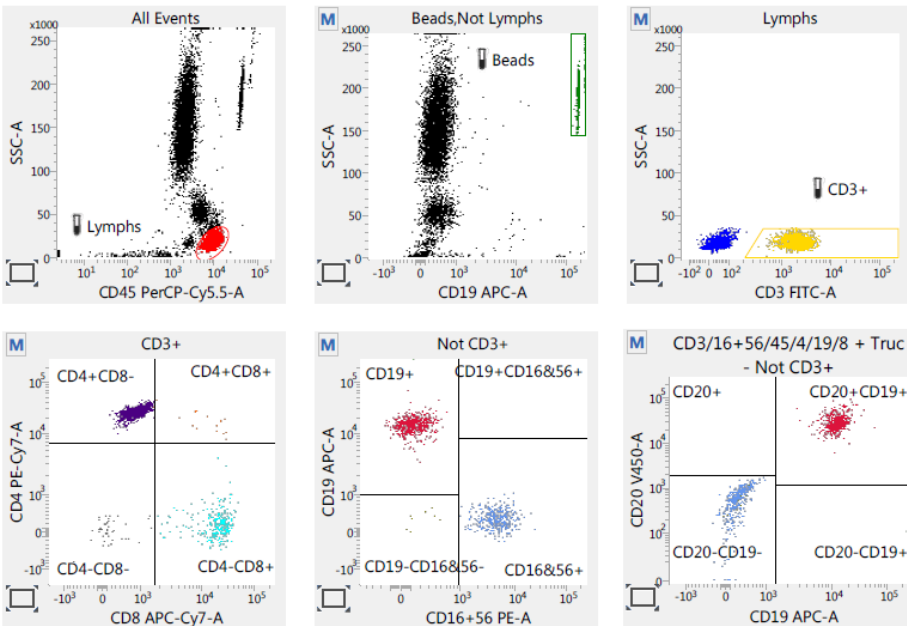


Figure 2A:

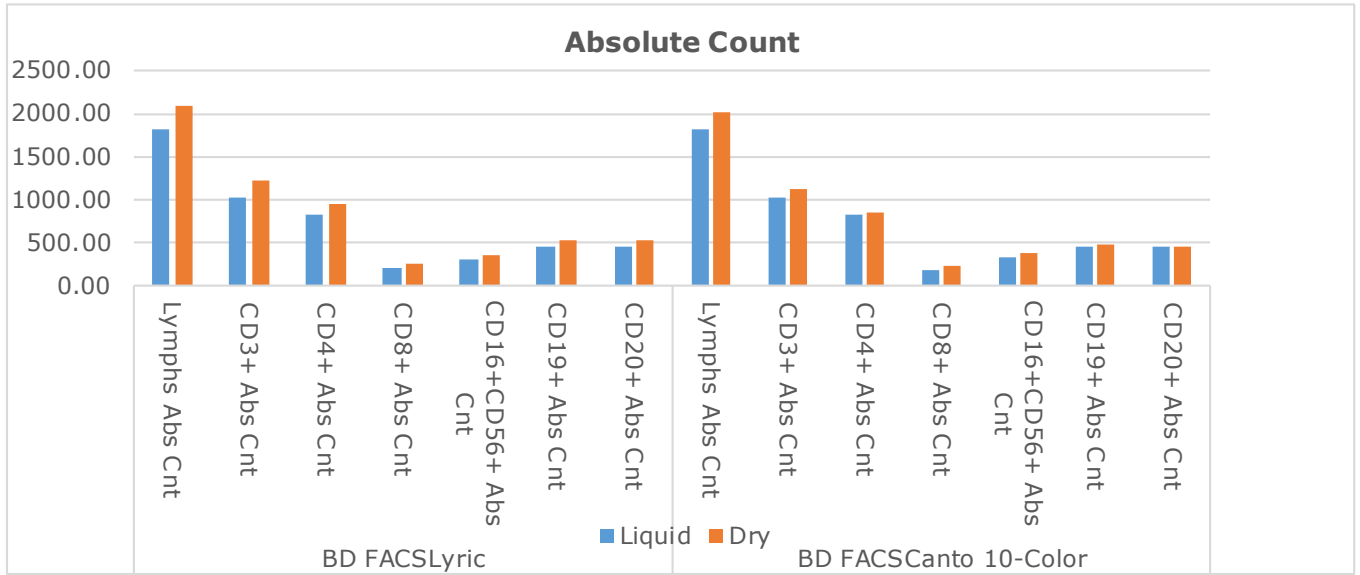


Figure 2B:

