

For Research Use Only

# ChemBright CoraLite® Plus 750

## Antibody Conjugation Kit

Catalog Number: PK30034



[www.ptglab.com](http://www.ptglab.com)

### Product Information

Fluorescently-labeled antibodies can be used for a variety of immunoassays such as immunohistochemistry, immunocytochemistry, flow cytometry, and fluorescent Western blot.

This antibody conjugation kit is designed to covalently conjugate CoraLite® Plus 750 to antibodies in 1-2 hours. Conjugated antibodies can be used immediately or stored at 4°C for up to 12 months. This kit is suitable for three reactions of labeling 100 µg primary antibody.

Antibody requirements: This kit is compatible with IgGs at 1 mg/mL in carrier-free buffer (PBS) with <0.1% BSA. Antibody buffer must be azide and glycerol-free.

### Components

Component	Catalog No.	Size
Vial A: Antibody Modifier Reagent	PK3003X-A	3*100 µg
Vial B: Lyophilized CoraLite® Plus 750	PK30034-B	3*100 µg
Storage Vial C	PK3003X-C	3*100 µg
Quenching Reagent	PK3003X-Q	200 µL

### Package

3 x 100 µg

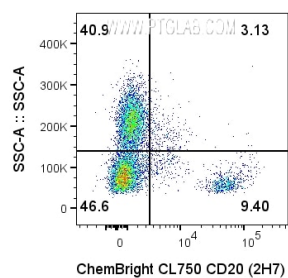
### Storage

Store at room temperature (20-25°C) in the dark.

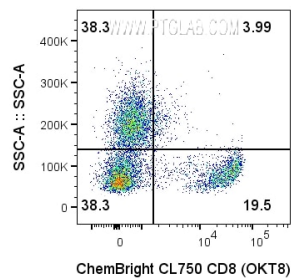
### Additional Information

1. Titrations of the conjugated antibody are recommended to find the optimal antibody dilution for your application.
2. Store conjugated antibody in Vial C sealed at 4°C. Blank labels are provided to label Vial C.
3. It is recommended to add a preservative such as sodium azide to the conjugated antibody for long-term storage.
4. The estimated final concentration of the conjugated antibody is 0.83 mg/mL.

## Validation Data



1x10<sup>6</sup> Human PBMCs were surface stained with 0.5 ug Anti-Human CD20 (65085-1-Ig, clone: 2H7) labeled with ChemBright CoraLite® Plus 750 Antibody Conjugation Kit (PK30034). Cells were not fixed. Cells were treated with Fc Receptor Block prior to staining. Live (PI-) lymphocytes and monocytes were gated.



1x10<sup>6</sup> Human PBMCs were surface stained with 0.0625 ug Anti-Human CD8a (65135-1-Ig, clone: OKT8) labeled with ChemBright CoraLite® Plus 750 Antibody Conjugation Kit (PK30034). Cells were not fixed. Cells were treated with Fc Receptor Block prior to staining. Live (PI-) lymphocytes and monocytes were gated.

For technical support and original validation data for this product please contact

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