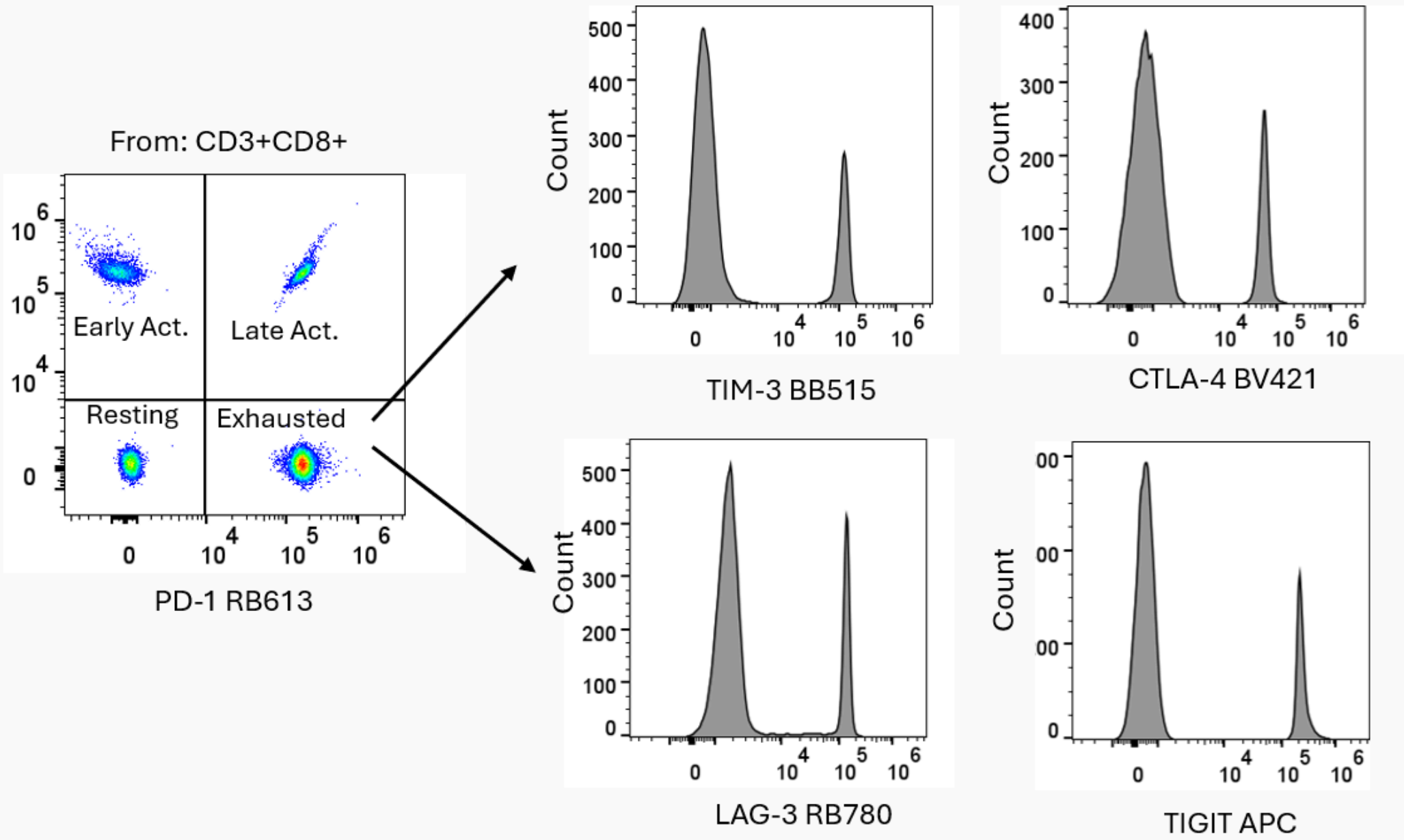


PRODUCT OVERVIEW

# T cell Activation/Exhaustion Mimic™

Immunophenotyping control for CD8+ T cell activation and exhaustion markers

T cell Activation/Exhaustion Mimic consists of lymphocyte-like cell mimics that represent different stages of the activation and exhaustion spectrum in CD8+ T cells. These are intended for use as a readily available, reliable alternative for activated biological controls in flow cytometry assays.



## Key Benefits

### Physiologically relevant cell populations when you need them

No wasting precious exhausted sample on controls.

### Consistent antigen density

For rare or transiently expressed markers.

### Engineered characteristics

FSC/SSC profiles that represent real cells

### Compatible with DNA and amine-reactive viability dyes

Providing flexibility for the critical viability control in your experiment.

### Lyophilized synthetic cell mimic format

24-month shelf life, consistent reconstitution and lot-to-lot reproducibility that supports longitudinal studies.

#### Specifications

|                          |                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format                   | Lyophilized cell mimic                                                                                                                                                                           |
| Available Sizes          | 1 test   10 pack                                                                                                                                                                                 |
| Biomarkers               | CD45, CD3, and CD8, and can be further gated for CD69, CD25, PD-1, LAG3, TIM3, TIGIT and CTLA4                                                                                                   |
| Scatter Characteristics  | Engineered FSC and SSC profiles closely resembling human lymphocyte                                                                                                                              |
| Application              | Immunophenotyping QC, T cell activation and/or exhaustion panel verification, antibody performance assessment, instrument standardization, multi-site harmonization, and flow cytometry training |
| Instrument Compatibility | Compatible across diverse cytometry platforms; supports multi-site standardization                                                                                                               |
| Storage                  | -20°C   24 months                                                                                                                                                                                |
| Shipping Temp            | Ambient                                                                                                                                                                                          |

## Ordering

|         |             |        |
|---------|-------------|--------|
| 1 test  | SSB-33-A    | \$250  |
| 10 pack | SSB-33-A-10 | \$1500 |



**Scan for details & ordering**  
[View product page →](#)