



Product Specifications

UltraPlex HI-7B Fluorescent Multiplex IHC Panel – Human CD4, CD8, FoxP3, Tbet

Description: UltraPlex fluorescent multiplex IHC kit to detect human CD4, CD8, FoxP3 and Tbet
 Cat. No.: HI07B-005
 Application: IHC-P. Multiplex fluorescent IHC staining of human FFPE tissue sections.
 Product Overview: All components required to stain 5 multiplex slides plus a single negative control slide with a simple two step protocol.

| 1° Antibody | Clone | 1° Tag | 2° Antibody | 2° Fluor | Absorbance (nm) | Emission (nm) | Filter Set Examples | ExCoeff (M-1cm-1) |
|-------------|--------------|--------|-------------|----------|-----------------|---------------|---------------------|-------------------|
| CD8 | EPR10640 (2) | UT015 | Anti-UT015 | CL-490 | 491 | 515 | FITC/GFP | 73,000 |
| FoxP3 | 1054C | UT014 | Anti-UT014 | CL-550 | 550 | 575 | Rhodamine/TRITC/Cy3 | 150,000 |
| Tbet | EPR9302 | UT021 | Anti-UT021 | CL-650 | 655 | 676 | Cy5 | 250,000 |
| CD4 | EPR6855 | UT019 | Anti-UT019 | CL-594 | 594 | 615 | Texas Red | 92,000 |

Optimized for use on FFPE tissue sections.
 Suitable for conventional imaging using defined filter sets.
 Additional negative control (secondary reagents alone) are available, see NEG01A
 Depending on your imaging scanner or microscope you may want to use Product HI07A with 490, 550, 650n and 750nm fluors instead.

Components: Vial 1: Antibody Diluent Solution
 PBS, 1% BSA, 0.2% Tween 20, 15mM sodium azide
 Vial 2: Protein Block Solution
 PBS, 3% normal rabbit serum, 0.1% TritonX, 15mM sodium azide
 Vials 3-6: Primary Antibody-Tag
 Each 10ul at 0.5ug/ul in PBS, 15mM sodium azide, suggested dilution 1/100
 Vials 7-10: Secondary Antibody-Fluor
 Each 12ul at 0.5ug/ul in PBS, 15mM sodium azide, suggested dilution 1/100

Storage: 2-8°C

Shelf-Life: 6 months

Protocols: Download and use the following suggested protocols:

| | Manual | Bond Rx |
|-------------------|----------------------|----------------------|
| Antigen Retrieval | LINK | LINK |
| Staining | LINK | LINK |

Notes: Suggested Mounting Medium: Fluoroshield plus DAPI, ImmunoBioScience
 DO NOT USE: Vectashield Mounting Reagent, Vector Labs

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