PathPlex® Panel 5
(CD3E, Cytokeratin, CD8 alpha, CD68, Ki-67, PD-L1)

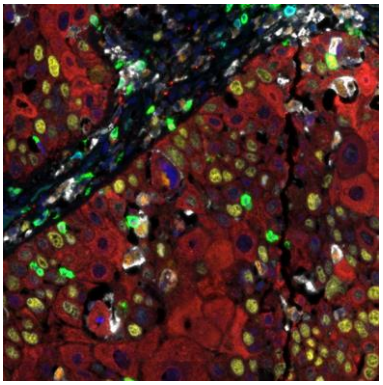
Catalog No. A810-005

CONTENTS	A700-016	Rabbit anti-CD3E Recombinant Monoclonal Antibody [BL-298-5D12]
	A500-019A	Mouse anti-Cytokeratin Monoclonal Antibody, Purified [AE1/AE3]
	A700-044	Rabbit anti-CD8 alpha Recombinant Monoclonal Antibody [BLR044F]
	A500-018A	Mouse anti-CD68 Recombinant Monoclonal Antibody, Purified [KP-1]
	A700-021	Rabbit anti-Ki-67 Recombinant Monoclonal Antibody [BLR021E]
	A700-020	Rabbit anti-PD-L1 Recombinant Monoclonal Antibody [BLR020E]
APPLICATIONS	IHC-IF, mIF	
SPECIES REACTIVITY	Human	
AMOUNT	1 Panel	
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt	
PHYSICAL STATE	Liquid	
ORIGIN	USA	
ADDITIONAL INFO	https://www.bethyl.com/product/A810-005	
	Use the link above to view SDS, a current list of citations, and other product specific information.	

Catalog Number	Target	Dilution	Order of Staining	Opal Fluorophore
A700-016	CD3E	1:250	1	480
A500-019A	Cytokeratin	1:250	2	620
A700-044	CD8 alpha	1:250	3	520
A500-018A	CD68	1:250	4	690
A700-021	Ki-67	1:250	5	570
A700-020	PD-L1	1:250	6	780

The table above provides initial conditions. Further optimization with the choice tissue and balance of tryamide detection signal should be performed. Please see the Bethyl multiplex protocol for optimization.

https://www.bethyl.com/content/protocol-multiplexing



Detection of human CD3 (cyan), CD8 (green), CD68 (orange), CK (red), Ki67 (yellow) and PD-L1 (white) in FFPE HNSCC by IHC-IF. Rabbit anti-CD3E recombinant monoclonal [BL-298-5D12] (A700-016), rabbit anti-CD8 alpha recombinant monoclonal [BLR044F] (A700-044), mouse anti-CD68 monoclonal [KP-1] (A500-018A), mouse anti-cytokeratin monoclonal [AE1/AE3] (A500-019A), rabbit anti-Ki-67 monoclonal [BLR021E] (A700-021) and rabbit anti-PD-L1 recombinant monoclonal [BLR020E] (A700-020). Secondary: HRP-conjugated goat anti-rabbit IgG (A120-501P) and HRP-conjugated goat anti-mouse IgG (A90-116P). Substrate: Opal™ 480, 520, 570, 620, 690 and 780. Counterstain: DAPI (blue).