

## CODEX Inventoried Antibodies Dilutions

Recommended titrations are based on testing with the control tissue indicated below. Additional titration may be needed for optimized staining of your specific tissue.

### Human FFPE

Akoya PN	CODEX Antibodies	Hu FFPE	Hu FF	Mu FF	Recommended titration
4450036	b-Catenin1-BX020(12F7)—Atto 550-RX020	Breast cancer			1:400
4450030	CD3e-BX045(EP449E)—Cy5-RX045	Tonsil			1:200
4350018	CD4-BX003 (EPR6855)—Cy5-RX003	Tonsil			1:200
4250012	CD8-BX026 (C8/144B)—Atto 550-RX026	Tonsil			1:200
4350020	CD11c-BX024 (118/A5)—Cy5-RX024	Tonsil			1:200
4150018	CD20-BX007 (L26)—Alexa FluorTM 488-RX007**	Tonsil			
4450018	CD20-BX007 (L26)—Alexa FluorTM 750-RX007	Tonsil			1:200
4450027	CD21-BX032(EP3093)—Atto 550-RX032	Tonsil			1:200
4150017	CD31-BX001 (EP3095)—Alexa FluorTM 488-RX001**	Tonsil			
4450017	CD31-BX001 (EP3095)—Alexa FluorTM 750-RX001	Tonsil			1:200
4250002	CD44-BX005 (IM7)—Atto 550-RX005	Tonsil		Spleen	1:200 (Hu.), 1:375 (Mo.)
4350002	CD45-BX021 (2D1)—Cy5-RX021	Tonsil			1:200
4250023	CD45RO-BX017 (UCHL1)—Atto 550-RX017	Tonsil	Tonsil		1:200 (Hu. FFPE), 1:500 (Hu. FF)
4350019	CD68-BX015 (KP1)—Cy5-RX015	Tonsil			1:200
4350001	CD107a-BX006 (H4A3)—Cy5-RX006	Tonsil			1:200
4250021	E-cadherin-BX014 (4A2C7)—Atto 550-RX014	Tonsil			1:200
4350021	Histone H3 Phospho (Ser28)-BX030 (HTA28)—Cy5-RX030	Tonsil			1:200
4450029	HLA-DR-BX033(EPR3692)—Cy5-RX033	Tonsil			1:200
4450031	Keratin 14-BX002(Poly19053)—Atto 550-RX002	Breast cancer			1:200
4250019	Ki67-BX047 (B56)—Atto 550-RX047	Tonsil	Tonsil	Spleen	1:200 (Hu. FFPE), 1:750 (Hu. FF), 1:500 (Mo.)
4450032	LIF-BX006(M1506B09)—Cy5-RX006	Breast cancer			1:200
4450034	Mac2/Galectin-3-BX035(M3/38)—Atto 550-RX035	Breast cancer			1:200
4150020	Pan-Cytokeratin-BX019 (AE-1/AE-3)—Alexa FluorTM 488-RX019	Tonsil	Tonsil		1:750 (Hu. FF)
4450020	Pan-Cytokeratin-BX019 (AE-1/AE-3)—Alexa FluorTM 750-RX019	Tonsil	Tonsil		1:200 (Hu. FFPE)
4250004	Podoplanin-BX023 (NC-08)—Atto 550-RX023	Tonsil	Tonsil		1:200 (FFPE), 1:500 (FF)
4450033	TFAM-BX029(18G102B2E11)—Atto 550-RX029	Breast cancer			1:200

\*\* Optional PN with AF488—not tested separately from corresponding AF750 PN

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## Human Fresh Frozen

Akoya PN	CODEX Antibodies	Hu FFPE	Hu FF	Mu FF	Rec. titration
4250005	CD2-BX002 (RPA-2.10)—Atto 550-RX002		Tonsil		1:200
4350008	CD3-BX015 (UCHT1)—Cy5-RX015		Tonsil		1:200
4350010	CD4-BX021 (SK3)—Cy5-RX021		Tonsil		1:200
4150004	CD8-BX004 (SK1)—Alexa Fluor™ 488-RX004		Tonsil		1:200
4450004	CD8-BX004 (SK1)—Alexa Fluor™ 750-RX004**		Tonsil		
4350012	CD11c-BX027 (S-HCL-3)—Cy5-RX027		Tonsil		1:200
4350003	CD19-BX003 (HIB19)—Cy5-RX003		Tonsil		1:200
4150009	CD21-BX013 (Bu32)—Alexa Fluor™ 488-RX013		Tonsil		1:200
4450009	CD21-BX013 (Bu32)—Alexa Fluor™ 750-RX013**		Tonsil		
4250009	CD31-BX032 (WM59)—Atto 550-RX032		Tonsil		1:200
4250020	CD34-BX035 (561)—Atto 550-RX035		Tonsil		1:200
4150007	CD38-BX007 (HB-7)—Alexa Fluor™ 488-RX007		Tonsil		1:200
4450007	CD38-BX007 (HB-7)—Alexa Fluor™ 750-RX007**		Tonsil		
4150003	CD45-BX001 (HI30)—Alexa Fluor™ 488-RX001		Tonsil		1:200
4450003	CD45-BX001 (HI30)—Alexa Fluor™ 750-RX001**		Tonsil		
4250023	CD45RO-BX017 (UCHL1)—Atto 550-RX017	Tonsil	Tonsil		1:200 (Hu. FFPE), 1:500 (Hu. FF)
4350007	CD49f-BX033 (GoH3)—Cy5-RX033		Tonsil	Spleen	1:200
4250022	CD69-BX041 (FN50)—Atto 550-RX041		Tonsil		1:200
4150021	CD90-BX022 (5E10)—Alexa Fluor™ 488-RX022		Tonsil		1:200
4450021	CD90-BX022 (5E10)—Alexa Fluor™ 750-RX022**		Tonsil		
4250008	CD104-BX005 (58XB4)—Atto 550-RX005		Tonsil		1:200
4150008	CD138-BX010 (MI15)—Alexa Fluor™ 488-RX010		Tonsil		1:200
4450008	CD138-BX010 (MI15)—Alexa Fluor™ 750-RX010**		Tonsil		
4250013	CD278-BX017 (C398.4A)—Atto 550-RX017		Tonsil		1:200
4250010	CD279-BX014 (EH12.2H7)—Atto 550-RX014		Tonsil		1:200
4250006	HLA-DR-BX026 (L243)—Atto 550-RX026		Tonsil		1:500
4250019	Ki67-BX047 (B56)—Atto 550-RX047	Tonsil	Tonsil	Spleen	1:200 (Hu. FFPE), 1:750 (Hu. FF), 1:500 (Mo.)
4150020	Pan-Cytokeratin-BX019 (AE-1/AE-3)—Alexa Fluor™ 488-RX019	Tonsil	Tonsil		1:750 (Hu. FF)
4450020	Pan-Cytokeratin-BX019 (AE-1/AE-3)—Alexa Fluor™ 750-RX019	Tonsil	Tonsil		1:200 (Hu. FFPE)
4250004	Podoplanin-BX023 (NC-08)—Atto 550-RX023	Tonsil	Tonsil		1:200 (FFPE), 1:500 (FF)

\*\*Optional PN with AF750—not tested separately from corresponding AF488 PN

## Mouse Fresh Frozen

Akoya PN	CODEX Antibodies	Hu FFPE	Hu FF	Mu FF	Rec. titration
4150015	CD11b-BX025 (M1/70)—Alexa Fluor™ 488-RX025			Spleen	1:200
4450015	CD11b-BX025 (M1/70)—Alexa Fluor™ 750-RX025**			Spleen	
4350013	CD11c-BX030 (N418)—Cy5-RX030			Spleen	1:200
4350005	CD169-BX015 (3D6.112)—Cy5-RX015			Spleen	1:200

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4250014	CD19-BX020 (6D5)—Atto 550-RX020			Spleen	1:200
4250015	CD21/35-BX023 (7E9)—Atto 550-RX023			Spleen	1:200
4150014	CD24-BX022 (M1/69)—Alexa Fluor™ 488-RX022			Spleen	1:200
4450014	CD24-BX022 (M1/69)—Alexa Fluor™ 750-RX022**			Spleen	
4250001	CD31-BX002 (MEC13.3)—Atto 550-RX002			Spleen	1:500
4150013	CD38-BX019 (90)—Alexa Fluor™ 488-RX019			Spleen	1:200
4450013	CD38-BX019 (90)—Alexa Fluor™ 750-RX019**			Spleen	
4350014	CD3-BX021 (17A2)—Cy5-RX021			Spleen	1:200
4250002	CD44-BX005 (IM7)—Atto 550-RX005	Tonsil		Spleen	1:200 (Hu.), 1:375 (Mo.)
4150002	CD45-BX007 (30-F11)—Alexa Fluor™ 488-RX007			Spleen	1:200
4450002	CD45-BX007 (30-F11)—Alexa Fluor™ 750-RX007**			Spleen	
4150006	CD45R/B220-BX010 (Ra3-6B2)—Alexa Fluor™ 488-RX010			Spleen	1:200
4450006	CD45R/B220-BX010 (Ra3-6B2)—Alexa Fluor™ 750-RX010**			Spleen	
4350007	CD49f-BX033 (GoH3)—Cy5-RX033		Tonsil	Spleen	1:200
4250016	CD4-BX026 (RM4-5)—Atto 550-RX026			Spleen	1:200
4250007	CD5-BX017 (53-7.3)—Atto 550-RX017			Spleen	1:200
4350016	CD71-BX027 (R17217)—Cy5-RX027			Spleen	1:200
4250017	CD8a-BX029 (53-6.7)—Atto 550-RX029			Spleen	1:200
4150001	CD90.2-BX001 (30-H12)—Alexa Fluor™ 488-RX001			Spleen	1:200
4450001	CD90.2-BX001 (30-H12)—Alexa Fluor™ 750-RX001**			Spleen	
4150012	IgD-BX016 (11-26c.2a)—Alexa Fluor™ 488-RX016			Spleen	1:200
4450012	IgD-BX016 (11-26c.2a)—Alexa Fluor™ 750-RX016**			Spleen	
4150011	IgM-BX013 (RMM-1)—Alexa Fluor™ 488-RX013			Spleen	1:200
4450011	IgM-BX013 (RMM-1)—Alexa Fluor™ 750-RX013**			Spleen	
4250019	Ki67-BX047 (B56)—Atto 550-RX047	Tonsil	Tonsil	Spleen	1:200 (Hu. FFPE), 1:750 (Hu. FF), 1:500 (Mo.)
4350015	Ly6g-BX024 (1A8)—Cy5-RX024			Spleen	1:200
4250003	MHC II-BX014 (M5/114.15.2)—Atto 550-RX014			Spleen	1:200
4350006	TCRb-BX003 (H57-597)—Cy5-RX003			Spleen	1:200
4150005	Ter119-BX004 (TER-119)—Alexa Fluor™ 488-RX004			Spleen	1:200
4450005	Ter119-BX004 (TER-119)—Alexa Fluor™ 750-RX004**			Spleen	

\*\*Optional PN with AF750—not tested separately from corresponding AF488 PN