

CODEX Breast Cancer FFPE Panel - Ordering List

This document summarizes the CODEX Antibodies and CODEX Barcode products that can be used to analyze biomarkers shown in the Akoya Demonstrated CODEX Breast Cancer FFPE Panel. For a list of other CODEX reagents required, please contact your local sales specialist.

CODEX Inventoried Antibodies Kit: Fully validated antibodies conjugated to a distinct and activated CODEX Barcode, with the Reporter (Barcode-dye conjugate) complement for use in CODEX runs. Each kit contains one tube of Barcoded Antibody and one tube of the corresponding Reporter, sufficient volume for 25 CODEX runs (25 tests) at the standard staining conditions.

Akoya PN	Description
4450036	b-Catenin1-BX020(12F7)—Atto 550-RX020*
4450030	CD3e-BX045(EP449E)—Cy5-RX045
4250012	CD8-BX026 (C8/144B)—Atto 550-RX026
4350019	CD68-BX015 (KP1)—Cy5-RX015
4250021	E-cadherin-BX014 (4A2C7)—Atto 550-RX014*
4250019	Ki67-BX047 (B56)—Atto 550-RX047
4450033	TFAM-BX029(18G102B2E11)—Atto 550-RX029

*For the panel, these antibodies were custom conjugated and detected with an Alexa Fluor™ 750 reporter.

CODEX Screened Antibodies: Antibodies that have been tested by Akoya but are not inventoried. The clone, vendor, and recommended reporter dye are indicated below.

For each reporter dye, you can choose a set of antibodies (up to 16 antibodies for Alexa™ Fluor 750, up to 12 antibodies for Atto 550, up to 11 antibodies for Cy5). Each antibody can be paired with any CODEX Barcode Kit with the corresponding reporter dye.

Note that CODEX Screened Antibodies are not available through Akoya and must be purchased directly from the antibody vendor in the format of purified antibodies, in PBS or a similar buffer, free of carrier proteins and other chemicals.

Potential Alexa Fluor™ 750 Antibodies and CODEX Barcodes Kits

Alexa Fluor™ 750 Antibodies

Target	Clone	Vendor
b-actin	W16197A	Biologend
CD227	16A	Biologend
Keratin17	W16131A	Biologend
Keratin18	DA-7	Biologend
Keratin19	A53-B/A2	Biologend

CODEX Alexa Fluor™ 750 Barcodes Kits

Akoya PN	Description
5450018	BX001—Alexa Fluor™ 750-RX001
5450019	BX004—Alexa Fluor™ 750-RX004
5450020	BX007—Alexa Fluor™ 750-RX007
5450021	BX010—Alexa Fluor™ 750-RX010
5450022	BX013—Alexa Fluor™ 750-RX013

Keratin8	1E8	Biologend
MHCI	EPI395Y	Abcam
Vimentin	O91D3	Biologend

5450001	BX016—Alexa Fluor™ 750-RX016
5450002	BX019—Alexa Fluor™ 750-RX019
5450003	BX022—Alexa Fluor™ 750-RX022
5450004	BX025—Alexa Fluor™ 750-RX025
5450005	BX028—Alexa Fluor™ 750-RX028
5450006	BX031—Alexa Fluor™ 750-RX031
5450008	BX037—Alexa Fluor™ 750-RX037
5450009	BX040—Alexa Fluor™ 750-RX040
5450010	BX043—Alexa Fluor™ 750-RX043
5450011	BX046—Alexa Fluor™ 750-RX046
5450012	BX049—Alexa Fluor™ 750-RX049

Potential Atto 550 Antibodies and CODEX Barcodes Kits

Atto 550 Antibodies

Target	Clone	Vendor
CD31	CST	CST
CD34	QBEND10	Abcam
E2F1	EPR3818(3)	Abcam
Keratin14	Poly19053	Biologend
LaminB1	EPR8985(B)	Abcam
MHCII	EPR11226	Abcam
Myosin	Poly	Biologend
Perlecan	5D7-2E4	BD
S100A4	S100A4	Biologend

CODEX Atto 550 Barcodes Kits

Akoya PN	Description
5450023	BX002—Atto 550-RX002
5450024	BX005—Atto 550-RX005
5250001	BX017—Atto 550-RX017
5250003	BX023—Atto 550-RX023
5250006	BX032—Atto 550-RX032
5250007	BX035—Atto 550-RX035
5250008	BX041—Atto 550-RX041
5450025	BX014—Atto 550-RX014*
5250002	BX020—Atto 550-RX020*
5250004	BX026—Atto 550-RX026*
5250005	BX029—Atto 550-RX029*
5250009	BX047—Atto 550-RX047*

Potential Cy5 Antibodies and CODEX Barcodes Kits
Cy5 Antibodies

Target	Clone	Vendor
CD66e	BSB-13	Biolegend
CollagenIV	EPR209660	Abcam
FoxA1	2F83	Biolegend
Foxp3	259D/C7	BD
H2A.X	2F3	Biolegend
Keratin5	Poly19055	Biolegend
p53	pab1801	BD
PCNA	PC10	Biolegend
PR	KMC912	ThermoFisher
Runx3	R3-5G4	Biolegend
SMA	1A4	Abcam
TP63	W15093A	Biolegend

CODEX Cy5 Barcodes Kits

Akoya PN	Description
5450026	BX003—Cy5-RX003
5450027	BX006—Cy5-RX006
5350002	BX021—Cy5-RX021
5350003	BX024—Cy5-RX024
5350004	BX027—Cy5-RX027
5350005	BX030—Cy5-RX030
5350006	BX033—Cy5-RX033
5350007	BX036—Cy5-RX036
5350008	BX042—Cy5-RX042
5350001	BX015—Cy5-RX015*
5350009	BX045—Cy5-RX045*

*Barcode has been assigned to one of the inventoried antibodies (see CODEX Inventoried Antibodies Kit section). Do not use if you are using the barcode with one of the inventoried antibodies.