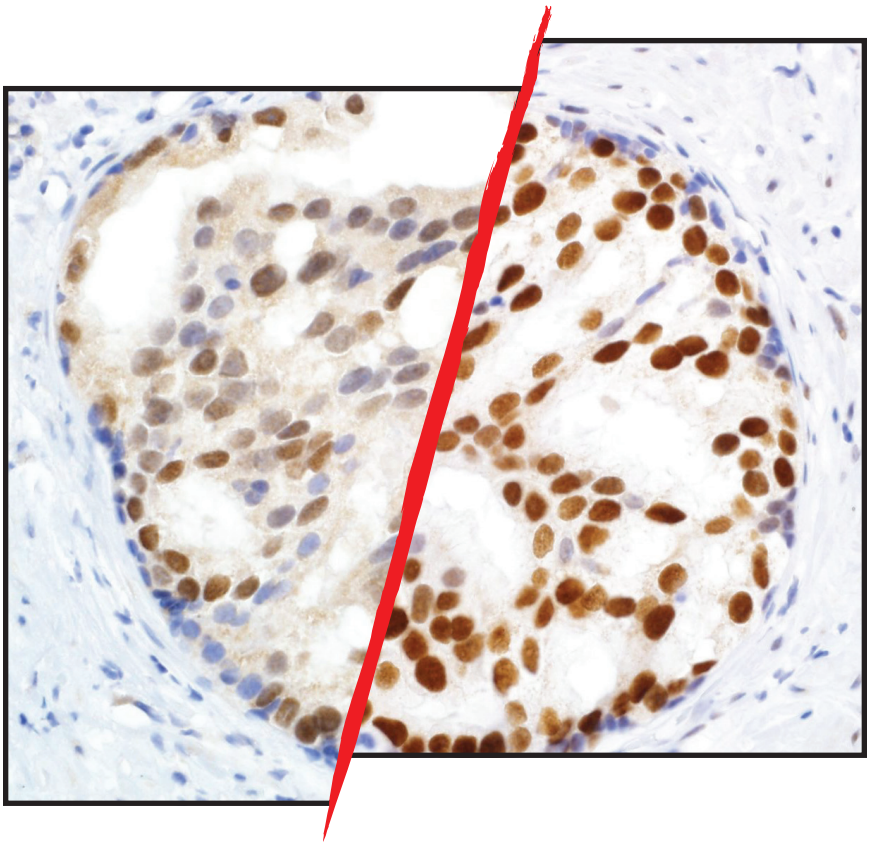
CELL MARQUE

a SIGMA-ALDRICH company

# CAN YOU SEE THE DIFFERENCE?

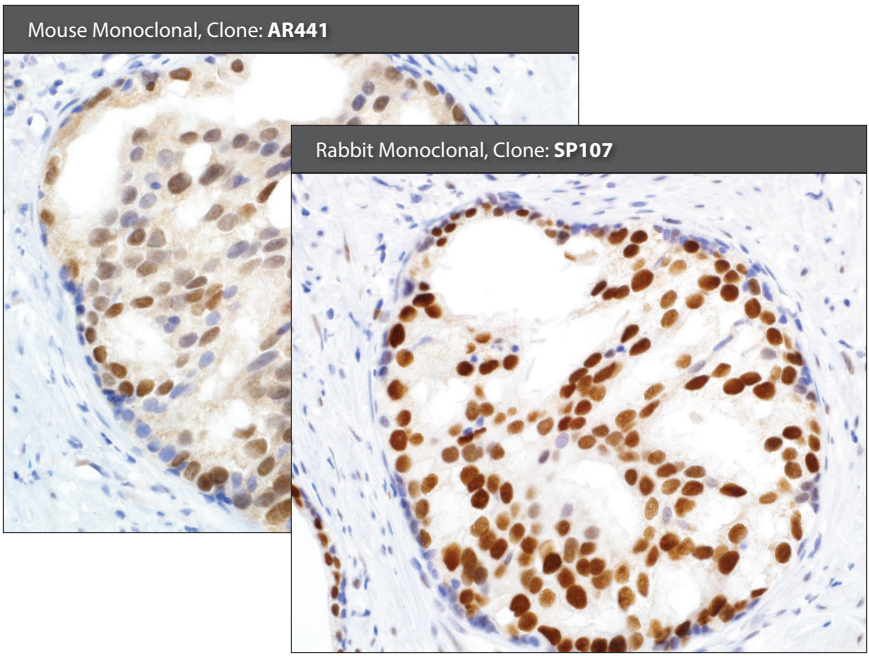


Rev. 0.1

## *Rabbit Monoclonal Antibodies Set Themselves Apart*

CELL MARQUE
a SIGMA-ALDRICH company

# ***Androgen Receptor:*** *Mouse Monoclonal vs. Rabbit Monoclonal*




## *Comparison*

1. Stronger specific staining with less background
2. Improved dilution range from 1:10-1:50 to 1:50-1:200
3. Increased sensitivity for prostatic adenocarcinoma compared to the mouse monoclonal
4. Stronger nuclear staining for clearer interpretation

## *Androgen Receptor (SP107)*

0.1 ml concentrated .... 200R-14
0.5 ml concentrated .... 200R-15
1 ml concentrated ..... 200R-16
1 ml prediluted ..... 200R-17
7 ml prediluted ..... 200R-18
Positive Control Slides .. 200S

Toll-Free: 800.665.7284 • 916.746.8900 • Fax: 916.746.8989
www.cellmarque.com • service@cellmarque.com

CELL MARQUE
a SIGMA-ALDRICH company

## ***BOB.1:*** *Mouse Monoclonal vs. Rabbit Monoclonal*


## *Comparison*

1. Increased staining intensity for mature B-cell lymphoma
2. Higher dilution range from 1:5-1:25 to 1:100-1:500
3. Improved specific staining on mature B-cell lymphoma
4. Reduced protocol time by half

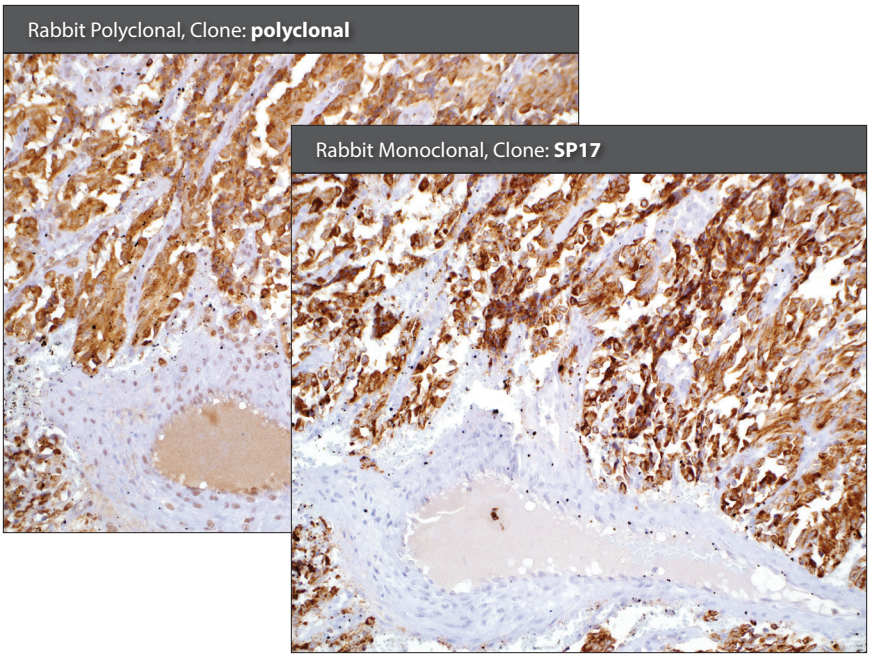
## *BOB.1 (SP92)*

0.1 ml concentrated .... 294R-14
0.5 ml concentrated .... 294R-15
1 ml concentrated ..... 294R-16
1 ml prediluted ..... 294R-17
7 ml prediluted ..... 294R-18
Positive Control Slides .. 294S

Toll-Free: 800.665.7284 • 916.746.8900 • Fax: 916.746.8989
www.cellmarque.com • service@cellmarque.com

CELL MARQUE
a SIGMA-ALDRICH company

## ***Calcitonin:*** *Rabbit Polyclonal vs. Rabbit Monoclonal*




## *Comparison*

1. Stronger specific staining in medullary thyroid carcinoma
2. Cleaner staining with decreased background
3. Reduced protocol time by half

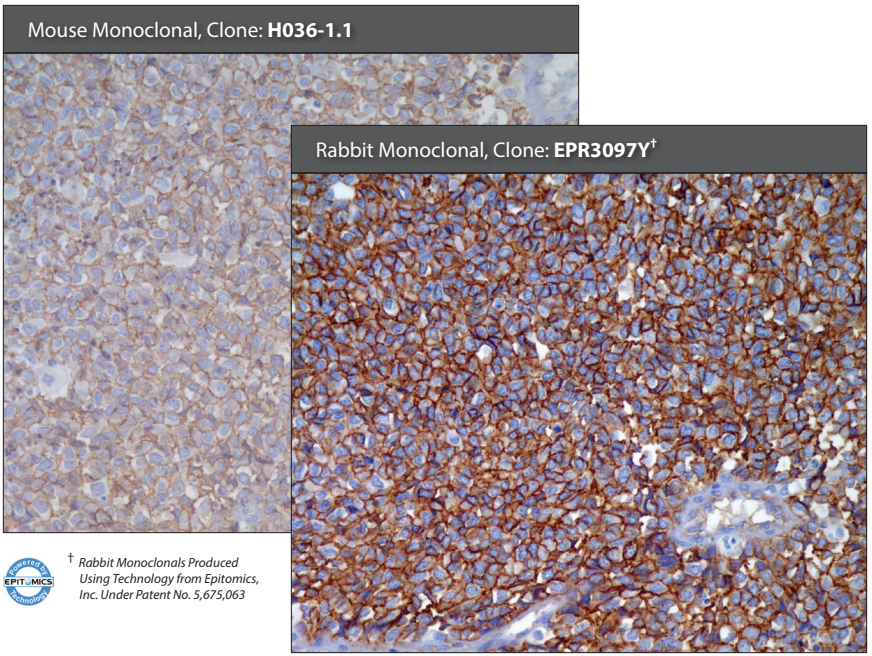
## *Calcitonin (SP17)*

| | |
|---|---|
| 0.1 ml concentrated .... 229R-14 | 1 ml prediluted ..... 229R-17 |
| 0.5 ml concentrated .... 229R-15 | 7 ml prediluted ..... 229R-18 |
| 1 ml concentrated ..... 229R-16 | Positive Control Slides .. 229S |

Toll-Free: 800.665.7284 • 916.746.8900 • Fax: 916.746.8989
www.cellmarque.com • service@cellmarque.com

CELL MARQUE
a SIGMA-ALDRICH company

## ***CD99:*** *Mouse Monoclonal vs. Rabbit Monoclonal*




† *Rabbit Monoclonals Produced Using Technology from Epitomics, Inc. Under Patent No. 5,675,063*

## *Comparison*

1. Increased sensitivity for Ewing's sarcoma and lymphoblastic lymphoma compared to mouse monoclonal
2. Will positively identify granulosa cell tumors where mouse monoclonal is not as sensitive to this tumor
3. Improved overall staining intensity

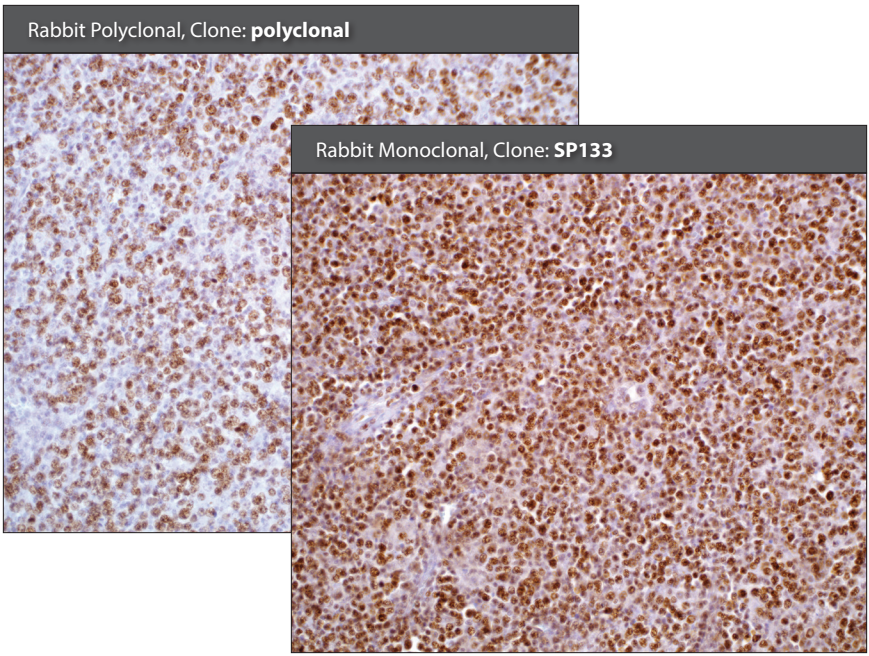
## *CD99 (EPR3097Y†)*

| | |
|---|---|
| 0.1 ml concentrated .... 199R-14 | 1 ml prediluted ..... 199R-17 |
| 0.5 ml concentrated .... 199R-15 | 7 ml prediluted ..... 199R-18 |
| 1 ml concentrated ..... 199R-16 | Positive Control Slides .. 199S |

Toll-Free: 800.665.7284 • 916.746.8900 • Fax: 916.746.8989
www.cellmarque.com • service@cellmarque.com

CELL MARQUE
a SIGMA-ALDRICH company

## ***FoxP1:*** *Rabbit Polyclonal vs. Rabbit Monoclonal*




## *Comparison*

1. Cleaner staining on diffuse large B-cell lymphoma with decreased background
2. Stronger specific staining compared to polyclonal for diffuse large B-cell lymphoma
3. Improved dilution range from 1:50-1:200 to 1:100-1:500

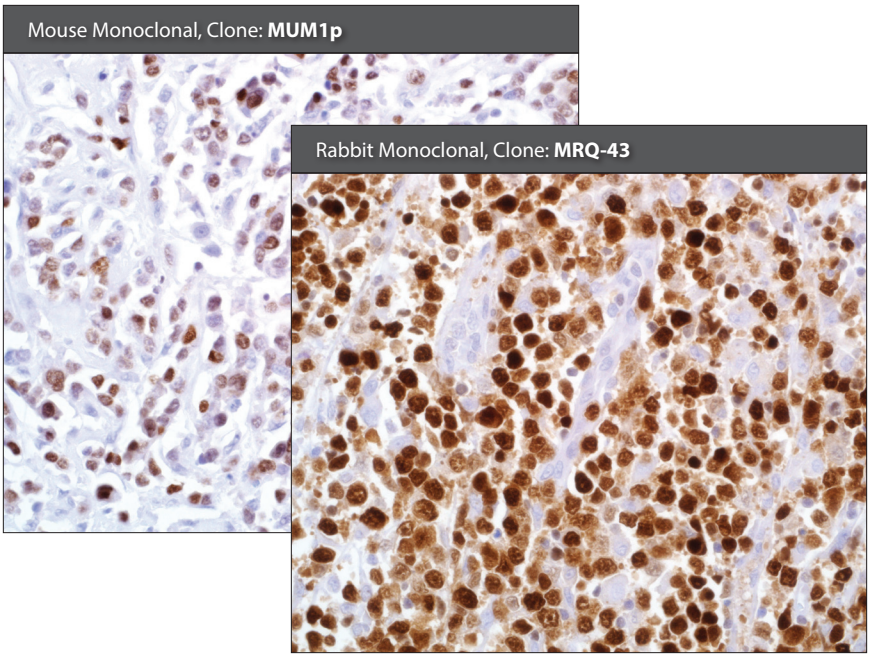
## *FoxP1 (SP133)*

0.1 ml concentrated .... 350R-14
0.5 ml concentrated .... 350R-15
1 ml concentrated ..... 350R-16
1 ml prediluted ..... 350R-17
7 ml prediluted ..... 350R-18
Positive Control Slides .. 350S

Toll-Free: 800.665.7284 • 916.746.8900 • Fax: 916.746.8989
www.cellmarque.com • service@cellmarque.com

CELL MARQUE
a SIGMA-ALDRICH company

## ***MUM1:*** *Mouse Monoclonal vs. Rabbit Monoclonal*




## *Comparison*

1. Reduce protocol time by half using the rabbit monoclonal clone
2. More cost-effective
3. Stronger nuclear stain preferred by pathologists
4. Useful in the diagnosis of DLBCL subtypes

## *MUM1 (MRQ-43)*

0.1 ml concentrated .... 358R-74
0.5 ml concentrated .... 358R-75
1 ml concentrated ..... 358R-76
1 ml prediluted ..... 358R-77
7 ml prediluted ..... 358R-78
Positive Control Slides .. 358S

Toll-Free: 800.665.7284 • 916.746.8900 • Fax: 916.746.8989
www.cellmarque.com • service@cellmarque.com

# Wash Buffers


**SAVE UP TO**

**75%**

**over leading competitors' brands**

***Compatible with open, automated IHC instruments.***

**TWEEN is a registered trademark of Croda International PLC*

**Phosphate Buffer Saline (PBS)** and **Tris Buffer Saline (TBS)** are concentrated wash solutions designed to rinse reagents from tissue slides. Additionally, they serve to preserve tissue sections between reagent applications. The use of PBS is recommended with any detection system except those that contain alkaline phosphatase. It is recommended that TBS be used when alkaline phosphatase is present to avoid excessive phosphate accumulation and consequent reduction in the rate of reaction. The addition of Tween® 20 to both PBS and TBS may help to reduce background and thereby produce an overall cleaner immunohistochemical stain.

## Availability

| | | |
|---|---|---|
| **20x PBS** IHC Wash Buffer with Tween® 20 | 200 ml | 934B-06 |
| | 1000 ml | 934B-09 |
| **20x TBS** IHC Wash Buffer with Tween® 20 | 200 ml | 935B-06 |
| | 1000 ml | 935B-09 |

CELL MARQUE
a SIGMA-ALDRICH company

Toll-Free: 800.665.7284 • 916.746.8900 • Fax: 916.746.8989

www.cellmarque.com • service@cellmarque.com