

Revision 1

#8655 Store at -20C

## Wnt/ $\beta$ -Catenin Activated Targets Antibody Sampler Kit

1 Kit (8 x 20 microliters)



**Cell Signaling**  
TECHNOLOGY®

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Product Includes	Product #	Quantity	Mol. Wt	Isotype/Source
CD44 (156-3C11) Mouse mAb	3570	20 $\mu$ l	80 kDa	Mouse IgG2a
Cyclin D1 (92G2) Rabbit mAb	2978	20 $\mu$ l	36 kDa	Rabbit IgG
c-Jun (60A8) Rabbit mAb	9165	20 $\mu$ l	43, 48 kDa	Rabbit IgG
LEF1 (C12A5) Rabbit mAb	2230	20 $\mu$ l	25-58 kDa	Rabbit IgG
Met (D1C2) XP® Rabbit mAb	8198	20 $\mu$ l	140, 170 kDa	Rabbit IgG
MMP-7 (D4H5) XP® Rabbit mAb	3801	20 $\mu$ l	28, 20-22 kDa	Rabbit
c-Myc (D84C12) Rabbit mAb	5605	20 $\mu$ l	57-65 kDa	Rabbit IgG
TCF1/TCF7 (C63D9) Rabbit mAb	2203	20 $\mu$ l	48, 50 kDa	Rabbit IgG
Anti-mouse IgG, HRP-linked Antibody	7076	100 $\mu$ l		Horse
Anti-rabbit IgG, HRP-linked Antibody	7074	100 $\mu$ l		Goat

Please visit [cellsignal.com](http://cellsignal.com) for individual component applications, species cross-reactivity, dilutions, protocols, and additional product information.

### Description

The Wnt/ $\beta$ -Catenin Activated Targets Antibody Sampler Kit provides an economical means to investigate target proteins of the Wnt/ $\beta$ -Catenin signaling pathway. This kit contains enough primary antibody to perform two western blots per primary.

### Storage

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100  $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at  $-20^{\circ}\text{C}$ . Do not aliquot the antibody.

### Background

The Wnt family includes several secreted glycoproteins that play important roles in animal development.  $\beta$ -catenin is a key downstream effector of the Wnt signaling pathway that research studies have shown is implicated in early embryonic development and tumorigenesis in vertebrates (1-3). Following binding of Wnt family proteins to the Frizzled receptor,  $\beta$ -catenin translocates to the nucleus where it interacts with LEF1 and TCF1 to activate canonical targets (4). Accepted canonical targets include CD44, cyclin D1, c-Jun, c-Myc, Met, and MMP-7 (5-11).

### Background References

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