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Wnt/ β -Catenin Activated Targets Antibody Sampler Kit

1 Kit (8 x 20 microliters)

For Research Use Only. Not for Use in Diagnostic Procedures.

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

Please visit cellsignal.com for individual component applications, species cross-reactivity, dilutions, protocols, and additional product information.

Description

The Wnt/ β -Catenin Activated Targets Antibody Sampler Kit provides an economical means to investigate target proteins of the Wnt/ β -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 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C . Do not aliquot the antibody.

Background

The Wnt family includes several secreted glycoproteins that play important roles in animal development. β -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, β -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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