

Development of a function-blocking antibody against fibulin-3 as targeted reagent for glioblastoma

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Supplemental Table I:

Antibodies used for Western blotting and immunohistochemistry (IHC)

Target	Source	Catalog number	Host species	Target species	Application
Fibulin-3	Santa Cruz Biotechnology	SC-33722 (mAb3-5)	Mouse	Human, mouse	Western / IHC
RelA/p65	Cell Signaling Technology	8242	Rabbit	Human, mouse, rat	Western
Phospho-RelA/p-p65	Cell Signaling Technology	3037	Rabbit	Human, mouse, rat	Western
neoepitope Val ¹⁷⁴⁴ -Notch1 (NICD)	Cell Signaling Technology	4147	Rabbit	Human, mouse, rat	Western
Hes5	Santa Cruz Biotechnology	SC-13860	Goat	Human, mouse	Western
CD31	Abcam	28364	Rabbit	Mouse >> human	IHC
IBA1	Wako Chemicals	019-19741	Mouse	Human, mouse, rat	IHC
Phospho-H2A.X	Cell Signaling Technology	9718	Rabbit	Human, mouse, rat	IHC
Caspase-3	Cell Signaling Technology	9661	Rabbit	Human, mouse, rat	Western
alpha/beta-tubulin	Cell Signaling Technology	2148	Rabbit	Human, mouse, rat	Western
V5 epitope	Invitrogen	MA5-15253	Mouse	V5 tag	Western
5-Br-deoxyuridine	Accurate Chemicals	OBT0030	Rat	BrdU tag	IHC

Supplemental Table II:

Sequences used for qRT-PCR primers

Target	Sequence	Species specificity
Hes1 forward	5'- CTTCAGCGAGTGCATGAACG	human / rat / mouse
Hes1 reverse	5'- GATCTGGGTCATGCAGTTGG	human / rat / mouse
Hes5 forward	5'- AGCCGGTGGTGGAGAAGATG	human / rat / mouse
Hes5 reverse	5'- TCCAGGATGTCGGCCTTCTC	human / rat / mouse
MMP2 forward	5'- CCATCGAGACCATGCGGAAG	human / rat / mouse
MMP2 reverse	5'- CCTGTATGTGATCTGGTTCTTG	human / rat / mouse
MMP9 forward	5'- TCATCCAGTTTGGTGTGCGG	human / rat / mouse
MMP9 reverse	5'- GACCACAACCTCGTCGTCGTC	human / rat / mouse
fibulin-3 forward	5'- TCAGACATCTTCCAGATACAG	human / rat / mouse
fibulin-3 reverse	5'- CCCACTATTATTGTCAATCTTAA	human / rat / mouse
IL1 β forward	5'- GCTTCAGGCAGGCAGTATC	Mouse specific
IL1 β reverse	5'- AGGATGGGCTCTTCTTCAAAG	Mouse specific
IL6 forward	5'- TTCCATCCAGTTGCCTTCTTG	Mouse specific
IL6 reverse	5'- CATTTCACGATTTCCAGAG	Mouse specific
IL10 forward	5'- CAAGGAGCATTTGAATTCCC	Mouse specific
IL10 reverse	5'- GGCCTTGTAGACACCTTGGTC	Mouse specific
IFN γ forward	5'- AACTGGCAAAGGATGGTGA	Mouse specific
IFN γ reverse	5'- TTCAATGACGCTTATGTTGT	Mouse specific
IL1 β forward	5'- CCTCTCTCACCTCTCCTACTCA	Human specific
IL1 β reverse	5'- CTGCTACTTCTTGCCCCCTTT	Human specific
IL6 forward	5'- ACAGCCACTCACCTCTTCAG	Human specific
IL6 reverse	5'- AGCATCCATCTTTTTTCAGCCAT	Human specific
IL10 forward	5'- GCCACCCTGATGTCTCAGTT	Human specific
IL10 reverse	5'- GTGGAGCAGGTGAAGAATGC	Human specific
IFN γ forward	5'- ACAGGGAAGCGAAAAAGGAGT	Human specific
IFN γ reverse	5'- GCAGGCAGGACAACCATTAC	Human specific
GAPDH forward	5'- AGTCCATGCCATCACTGCCAC	human / rat / mouse
GAPDH reverse	5'- ATGACCTTGCCCACAGCCTTG	human / rat / mouse
rRNA 18S forward	5'- AACTTTTCGATGGTAGTCGCCG	human / rat / mouse
rRNA 18S reverse	5'- CCTTGGATGTGGTAGCCGTTT	human / rat / mouse