

Table S2. Monoclonal antibodies used in chromatogram binding assays.

Antibody	Clone/Designation	Manufacturer/Reference	Dilution	Isotype	hESC binding ¹
Anti-SSEA-4	MC-813-70	eBioScience	1:100	IgG3	+
Anti-sialyl-Lewis ^x	KM93	Merck	1:50	IgM	-
Anti-sialyl-Lewis ^a	116-NS-19-9	Signet	1:30	IgG1	-
Anti-GD1a	GD1a-1	Millipore	1:100	IgG1	-
Anti-HNK-1	VC1.1	Sigma	1:50	IgM	-
Anti-SO ₃ -3Galβ	Sulph-1	(1) ²	1:100	IgG1	+
Anti-GM1	GM1:1	(2)	1:50	IgM	-
Anti-GM2	DMAb-1	(3)	1:50	IgM	-
Anti-GD3	DMAb-7	(4)	1:100	IgM	-
Anti-sialyl-lactotetra	TR4/SL-50	(5)	1:1000	IgM	+
Anti-di-sialyl-lactotetra	DMAb22	(6)	1:2000	IgM	-
Anti-NeuAcα3-neolactotetra	LM1:1a	(7)	1:1000	IgM	-
Anti-NeuAcα6-neolactotetra	LM4:2	(8)	1:100	IgG	-

¹Binding is defined as follows: + denotes a binding when 40 µg of the acid glycosphingolipid fraction of hESC SA181 or SA121 was applied on the thin-layer chromatogram, while - denotes no binding.

²References:

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