

Table 1 Overview of evaluated small epitope tags

Tag	Sequence
Triple flag	DYKDHDGDYKDHDIDYKDDDDK
flag	DYKDDDDK
V5	GKPIPNPLLGLDST
myc	EQKLISEEDL
HA	YPYDVPDYA
AU1	DTYRYI

Peptide sequences of evaluated small epitope tags. All tags were N-terminally fused to an eGFP sequence in which the start codon had been replaced, a RDPPVAT sequence was used as linker. Untagged eGFP was included as control.

Table 2 Detailed overview of characterized antibodies

Epitope	Antibody	Clonality	Company	Product N°	Concentration	Optimal dilution for IHC based on current study	Optimal concentration (µg/ml) for IHC based on current study
3flag and flag	Anti-flag polyclonal ¹	Polyclonal	Sigma	F7425	0.8 mg/ml	1/5000	0.16
	FlagM2 ¹	Monoclonal	Sigma	F3165	5 mg/ml	1/12500	0.4
V5	Anti-V5 ³	Monoclonal	Invitrogen	R960-25	1.07 mg/ml	1/12500	0.0856
Myc	Anti-Myc ² Polyclonal	Polyclonal	Upstate	06-549	1 mg/ml	1/5000	0.2
	9E10 ³	Monoclonal	Santa Cruz	Sc-40	0.2 mg/ml	1/1000	0.2
HA	HA 11 ³	Monoclonal	Covance	MMS-101R	2-3 mg/ml	1/25000	0.1
	12CA5 ³	Monoclonal	Roch Applied	11 583 816 001	0.4 mg/ml	1/5000	0.08
AU1	Anti-AU1 ³	Monoclonal	Covance	MMS-130R	5-7 mg/ml	1/5000	1.2
GFP	Anti-eGFP ⁴ Polyclonal	Polyclonal	In-house	-	-	1/10000	-

¹ affinity purified IgGs using a column bearing the immunizing peptide

² affinity purified IgGs using a column bearing protein A

³ purification method not specified

⁴ not purified

In order to compare antibody dilutions, the optimal dilutions (based on current study) for IHC reckoned with the antibody concentration are mentioned in this table.