

## Monoclonal Antibody to 6xHistidine Epitope Tag (HHHHHH) - DyLight549

<b>Alternate names:</b>	6xHis-Tag, HHHHHH Tag, HIS6 Tag, His Tag
<b>Catalog No.:</b>	SM1693D5
<b>Quantity:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	AD1.1.10
<b>Immunogen:</b>	PAX6 transcription factor linked to histidine tag.
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity Chromatography on Protein G. <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide as preservative. <b>Label:</b> DyLight549 – DyLightTM 549
<b>Applications:</b>	Immunofluorescence (1/50-1/200). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises proteins containing the motif H-H-H-H-H and is therefore of value in detecting proteins containing histidine tags. The antibody may be used to track the purification of proteins expressed in bacteria, yeast or insect cells. It reacts against all His tagged proteins so far tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Els Conrath K, Lauwereys M, Wyns L, Muyldermans S. Camel single-domain antibodies as modular building units in bispecific and bivalent antibody constructs. J Biol Chem. 2001 Mar 9;276(10):7346-50. Epub 2000 Oct 25. PubMed PMID: 11053416. 2. Bahi A, Boyer F, Kafri T, Dreyer JL. CD81-induced behavioural changes during chronic cocaine administration: in vivo gene delivery with regulatable lentivirus. Eur J Neurosci. 2004 Mar;19(6):1621-33. PubMed PMID: 15066158.