

6xHIS-Tag Mouse mAb

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Cat#: 2088

027-59325199

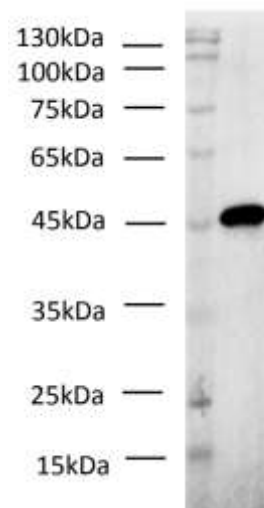
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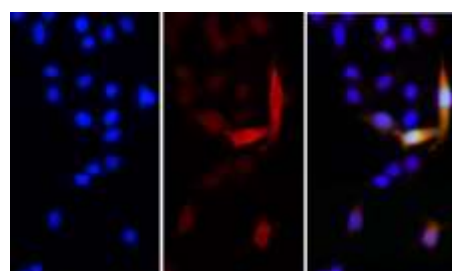
Synonyms:	HHHHHH, HIS-Tag
Attribute:	Mouse Monoclonal Antibody
Isotype:	IgG1
Purity:	Protein A Purification
Application:	ELISA, WB, IP
Reactivity:	
Immunogen:	Peptide HHHHHH
Buffer:	PBS with 0.1% sodium azide and 50% glycerol, pH 7.2
Storage:	Store at -20°C. Do not aliquot
Recommended Dilution:	WB: 1:2000-50000 IP: 3ug/sample

Background:

The His-tag (also called 6xHis-tag) is one of the simplest and most widely used purification tags, with six or more consecutive histidine residues. It is the most widely used protein affinity tag. Due to its small size of only six amino acids it rarely interferes with the protein's function. Additionally its low immunogenicity and versatility under native and denaturing conditions are highlighting this protein tag among others. The underlying purification principle of the His-tag is an interaction between metal ions and the imidazole ring of histidine.



Western Blotting of HIS-Tag fused recombinant protein with Anti-HIS Mouse monoclonal antibody at dilution of 1:5000



Immunofluorescent analysis of 293F cells transfected with the HIS-tag fusion protein, using 2088 at 1:500 dilution

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We focus on precise protein quantification

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