

QIAexpress® Data Sheet:

RGS·His™ Antibody epitope

The importance of different amino acids in the RGS·His™ Antibody epitope (former name: ^MRGS·His Antibody) was determined by **single** point mutations. The results are shown below, with importance indicated by boldface type and increased font size.

- Neither the G nor the first H residue are replaceable at all by other amino acids.
- R and S are somewhat more important than H residues 2–4. Recognition still occurs when these residues are replaced by the amino acids indicated in bold letters below the line, and with less efficiency when replaced by the other amino acids indicated.
- M and H's 5 and 6 can be replaced by any other amino acid, as indicated by X's below the line.

Note: These data are valid for single changes only. We have no data about double point mutants.

M	R	G	S	H	H	H	H	H	H
X	W		A					X	X
	H		N						
	F		T						
	I		V						
	L								
	M								
	Q								
	Y								
	K								

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